# FINAL Preliminary Assessment Report Central Oregon Training and Education Facility Bend, Oregon

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

December 2019

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

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AOI

#### **Acronyms and Abbreviations**

°F degrees Fahrenheit

AECOM Technical Services, Inc.

AFFF aqueous film forming foam

area of interest

amsl above mean sea level

ARNG Army National Guard bgs below ground surface

CERCLA Comprehensive Environmental Response, Compensation, and Liability

Act

CFR Code of Federal Regulations

COTEF Central Oregon Training and Education Facility
DEQ (Oregon) Department of Environmental Quality

FTA fire training area

ft feet

OMD Oregon Military Department

ONGYCP Oregon National Guard Youth Challenge Program

ORARNG Oregon Army National Guard

PA Preliminary Assessment

PFAS per- and poly-fluoroalkyl substances

PFOA perfluorooctanoic acid

PFOS perfluorooctanesulfonic acid

SI Site inspection US United States

USACE United States Army Corps of Engineers

USEPA United States Environmental Protection Agency

USGS United States Geological Survey WPCF Water Pollution Control Facility

#### **Executive Summary**

The United States (US) Army Corps of Engineers (USACE) Baltimore District on behalf of the Army National Guard (ARNG)-Installations & Environment Division, Cleanup Branch contracted AECOM Technical Services, Inc. (AECOM) to perform *Preliminary Assessments (PAs) and Site Inspections (SIs) for Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) Impacted Sites at ARNG Facilities Nationwide*. The ARNG is assessing potential effects on human health 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 released during firefighting activities or training, although other PFAS sources are possible.

AECOM completed a PA for PFAS at the Central Oregon Training and Education Facility (COTEF) – Oregon National Guard Youth Challenge Program (ONGYCP) (referred to herein as COTEF) in Bend, Oregon, to assess potential PFAS release areas and exposure pathways to receptors. The COTEF has operated at the Bend location since 2002 under a license with the US Army. The US Army has owned the property since 1985 (DC, 2018). The COTEF is operated as a public military school (a state-accredited alternative high school) for challenged youth seeking a high school degree (ONGYCP, 2018). No military or firefighting training have ever occurred at the COTEF (in the past or currently).

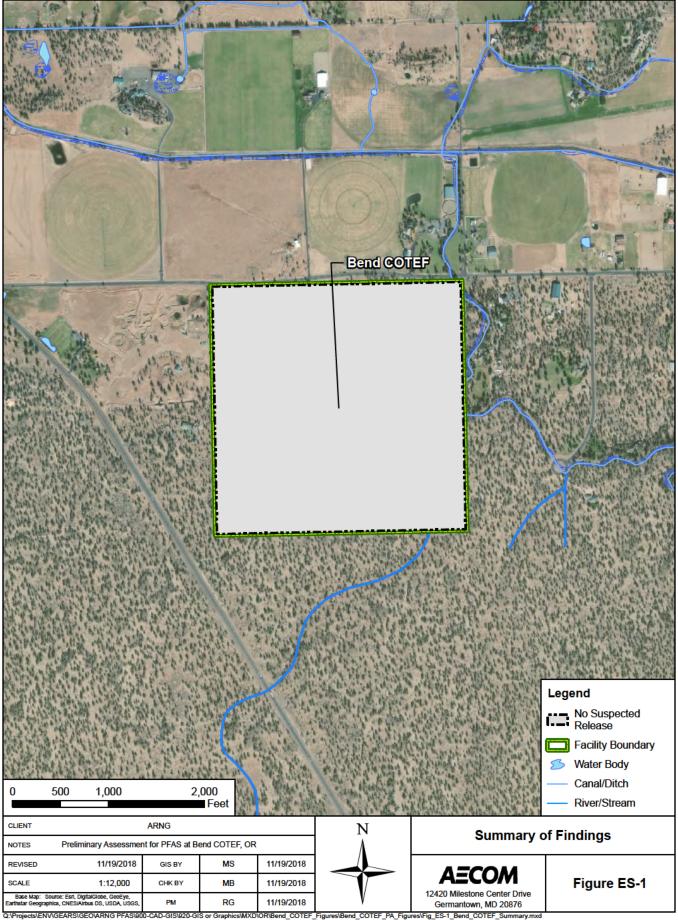
The performance of this PA included the following tasks:

- Reviewed data resources to obtain information relevant to suspected PFAS releases
- Conducted a 1-day site visit on 4 October 2018
- Interviewed current COTEF personnel during the site visit including:
  - Oregon Military Department (OMD) Environmental Manager
  - OMD Cultural Resources Manager
  - OMD Wildland Fire Manager
  - OMD Camp Rilea Training Site Manager (former State Aviation Officer)
  - COTEF Facilities Manager
  - OMD Real Estate/Property Manager
- Completed visual site inspections of the facility and documented with photographs

No areas of interest related to potential PFAS releases were identified at the COTEF during the PA. The facility is shown on **Figure ES-1**.

Based on the documented absence of the use/release of PFAS-containing materials at the COTEF, evidence does not support current or former ARNG activities at the facility having contributed to PFAS contamination in soil, groundwater, surface water, or sediment at the facility or adjacent areas. No complete exposure pathways exist for PFAS contamination in groundwater from potential off-Post sources.

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#### 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 Site Inspections (SIs) for Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) Impacted Sites at ARNG Facilities Nationwide under Contract Number W912DR-12-D-0014, Task Order W912DR17F0192, issued 11 August 2017, 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. PFAS formulations contain highly diverse mixtures of compounds. Thus, the fate of these PFAS compounds in the environment will vary. The regulatory framework at both federal and state levels continues to evolve. The US Environmental Protection Agency (USEPA) issued Drinking Water Health Advisories for PFOA and PFOS in May 2016, but there are currently no promulgated national standards regulating PFAS in drinking water. In the absence of federal maximum contaminant levels, some states have adopted their own drinking water standards for PFAS. The Oregon Department of Environmental Quality (DEQ) has Pollutant Initiation Levels for PFAS/PFOA, which are not water quality standards (DEQ, 2017). According to OAR 340-045-0100, only facilities that operate under National Pollution Discharge Elimination System and Water Pollution Control Facility (WPCF) permits in Oregon are required to analyze effluent for PFAS/PFOA and report concentrations that exceed the Initiation Level.

This report presents findings of a PA for PFAS at the Central Oregon Training and Education Facility (COTEF) – Oregon National Guard Youth Challenge Program (ONGYCP) (referred to herein as COTEF) in Bend, Oregon, in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, the National Oil and Hazardous Substances Pollution Contingency Plan (40 Code of Federal Regulations Part 300), and USACE requirements and guidance.

This PA documents the known locations where PFAS may have been released into the environment at the COTEF. The term PFAS will be used throughout this report to encompass all PFAS chemicals being evaluated, including PFOS and PFOA, which are key components of AFFF.

#### 1.2 Preliminary Assessment Methods

The performance of this PA included the following tasks:

- Reviewed data resources to obtain information relevant to suspected PFAS releases
- Conducted a 1-day site visit on 4 October 2018
- Interviewed current COTEF personnel during the site visit including:
  - Oregon Military Department (OMD) Environmental Manager

- OMD Cultural Resources Manager
- OMD Wildland Fire Manager
- OMD Camp Rilea Training Site Manager (former State Aviation Officer)
- COTEF Facilities Manager
- Completed visual site inspections of the facility and documented with photographs

#### 1.3 Report Organization

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

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

#### 1.4 Facility Location and Description

The COTEF is in Bend, Deschutes County, approximately 8 miles to the east of Bend's city center. The facility is south of Dodds Road, east of the Central Oregon Highway (Highway 20) (**Figure 1-1**). The facility is occupied and operated by the Oregon Army National Guard as a public military school (a state-accredited alternative high school) for challenged youth seeking a high school degree, encompassing 160 acres (ONGYCP, 2018; DC, 2018). Youth also conduct drills and other exercises on the property. No firefighting training or AFFF use has historically occurred at this facility.

The present-day COTEF property is owned by the federal government, administered by the USACE, licensing use to the OMD since 2002. The COTEF is comprised of a main building operated as a high school with a dining and laundry facility and sleeping quarters. Two warehouse structures are in the central-east and west portions of the facility for miscellaneous facility equipment and materials storage. Access to the facility is not controlled as it operates as a military academy for high school students. The facility is connected to one drinking water well

(that receives no treatment) and a septic system (that discharges to an onsite wastewater lagoon). The wastewater lagoon is in the central portion of the facility and is permitted under a DEQ WPCF Domestic Water Quality permit (ID 102845, Water Quality File No. 113931). This type of permit authorizes onsite discharges in the form of Underground Injection Control (Site ID 11694); no wastes are discharged to surface waters (DEQ, 2018a, 2019).

Based on review of historical aerial photographs, development of the facility, including the paved roadway, appears by 1994 with the main building and two warehouse structures. The onsite wastewater lagoon appears by 2009. The facility appears to be in the similar configuration as observed during the site visit since the 2016 historical aerial photograph. (EDR, 2018a; Google Earth, 2018).

#### 1.5 Facility Environmental Setting

The COTEF is in the High Lava Plains of the geologic province of Oregon (DEQ 2013; USDI, 2018). The facility is surrounded by undeveloped and agricultural land. The facility is comprised mostly of undeveloped, vegetated land underlain by historic volcanic lava flow beds. The areas of the facility that are paved include the road to enter/exit the facility and the parking area surrounding the main building and two warehouse structures. The paved areas are primarily flat. From west to east, elevation at the facility ranges from approximately 3,540 and decreases to 3,480 feet above mean sea level (AMSL). From north to south, elevation ranges from approximately 3,500 and increases to approximately 3,525 feet AMSL. Elevation throughout the facility averages 3,500 feet AMSL. Topography at the site follows a north/northeast gradient (Google Earth, 2018; EDR, 2018b).

#### 1.5.1 Geology

The COTEF is in a geologic area characterized as basalt and basaltic andesite of the Pleistocene to Holecene ages. This geologic feature occurs primarily along the crest of the Cascade Range (located to the west of the facility) (USGS, 2018a). These basaltic lava flows are the most widespread types of surface rocks in the region, with the oldest basalt lava flows exposed west of the Deschutes River (west of the facility). Vents from the lava flows are dispersed throughout the region as lava and cinder cones. The lava terrain covers the region as generally thin sheets of pahoehoe basalt associated with historic fissure eruptions where the surface appears ropy with depressions, known as "Lava Badlands." The lava flows were estimated to extend from the land surface to 50 to 100 feet below ground surface (bgs). The Lava Badlands consist of a lava tube system, indicative of a lateral spread of lava. The Redmond Caves is one such lava tube system, approximately 15 miles to the northwest of the COTEF (DOGAMI, 1976; Google Earth, 2018).

The COTEF is underlain by volcanic deposits of the Quaternary system of the Cenozoic era (EDR, 2018b). These volcanic deposits constitute the second major composite stratigraphic unit in the region, which is reported extending to depths over 2,000 feet in some areas. This composition is comprised of lava flows, domes, vent deposits, pyroclastic deposits, and volcanic sediments (USGS, 2001). The volcanic rocks consist of ash and cinders while the sedimentary rocks consist of semi-consolidated sand and gravel eroded from volcanic rocks (USGS, 1994, 2018b).

#### 1.5.2 Hydrogeology

Soils beneath the COTEF consist primarily of Gosney-Rock outcrop-Deskamp complex (59C) with a slope of 0 to 15%. A very small area along the northern boundary consists of Deskamp loamy sand with a slope of 0 to 3% (36A) (USDA, 2018). Both soil series consist of shallow,

somewhat excessively drained soils with rapid permeability located in lava plains that formed in ash (USDA, 1999).

The Gosney series is characterized as stony loamy sand in the top two inches, followed by loamy sand to 14 inches bgs, and basalt at 14 inches bgs. Bedrock is reported at depths ranging from 10 to 20 inches bgs. The Deskamp series is characterized as loamy sand in the top 17 inches, followed by gravelly loamy sand to 32 inches bgs, and basalt at 32 inches bgs. Bedrock is reported at depths ranging from 20 to 40 inches bgs. (USDA, 1999).

The COTEF is located above the Deschutes Formation, which is the principle aguifer in the Upper Deschutes Basin. Because of the large amount of rainfall that occurs, the Cascade Range is the principal groundwater recharge area for the Upper Deschutes Basin. Groundwater from the Cascade Range flows through the permeable volcanic rock towards the east into the Upper Deschutes Basin, where half of the volume discharges to streams and the other half of the volume flows through the subsurface of the Deschutes Formation, eventually discharging to streams. Groundwater discharge to streams is the principle mechanism of groundwater losses in the system where stream elevation is lower than the groundwater table. Groundwater discharges to streams occur west of the COTEF, surrounding the confluence of the Deschutes River (west of Bend). The Deschutes River maintains substantial flow during dry periods. Stream discharge varies by location and seasonal precipitation. Regionally, the water table fluctuates in association with recharge. Infiltration of precipitation in the region occurs from rainfall, snowmelt, canal and stream leaks, and irrigation water. The United States Geological Survey (USGS) estimated annual recharge from infiltration of precipitation in the area surrounding the facility ranging from 3 to 4.5 inches. Recharge averages 35 to 40 percent of the annual precipitation measured throughout the Upper Deschutes Basin (USGS, 2001).

Groundwater flow beneath the facility would generally follow the topographic gradient to the north/northeast. Groundwater flow may vary in localized areas of groundwater recharging to surface water. Groundwater flow at the facility cannot be determined without conducting a sitespecific assessment. The COTEF obtains drinking water from one onsite water supply well located in the central-western portion of the facility, in the northwest corner of the building (Well #5715) (Figure 1-2). The geographic coordinates of the water well are: 44° 1'31.41"N and 121° 7'53.51"W. The well was completed in January 1985 and depth to first water was reported at 804 feet bgs (OWRD, 2018). Drinking water source areas with public groundwater systems were identified within 1.5 and 3 miles of the COTEF, as follows: Sunset Acres Water Co-op and Wallace Acres Water Company (approximately 3 miles to the north/northwest) and Avion Water Co - Greater Avion (approximately 1.5 miles to the southwest). The Bend Water Department public groundwater system is located approximate 8 miles to the west of the COTEF (DEQ, 2018a). The nearest USGS monitoring well is located approximately 8 miles to the northwest of the facility (Site No. DESC0005045). The geographic coordinates are: 44° 5'27.90"N and 121°15'47.01"W. This well was drilled to 1,057 feet bgs and depth to groundwater was measured ranging from 701 to 738 feet bgs (measured between 1978 and 2016) (Figure 1-2). (USGS, 2018b).

#### 1.5.3 Hydrology

The COTEF is in the Reynolds Pond subwatershed (HUC 12), which is within the Lower Dry River watershed (HUC 10) of the Lower Crooked subbasin (HUC 8) of the Deschutes Basin (HUC 6) (**Figure 1-3**). An unnamed stream transects the facility in the southeastern corner flowing in a northeast-southwest direction (DEQ, 2018b). A manmade sewage lagoon is in the central portion of the facility. No wetlands are located at the facility (USFS, 2018). The nearest offsite surface waterbody is a canal located along Dodds Road adjacent to the north of the facility, flowing east-west. The Deschutes River is located approximately 9 miles to the west of

the COTEF, flowing northeast/southwest, and is a major tributary to the Columbia River (located along the Oregon-Washington boarder).

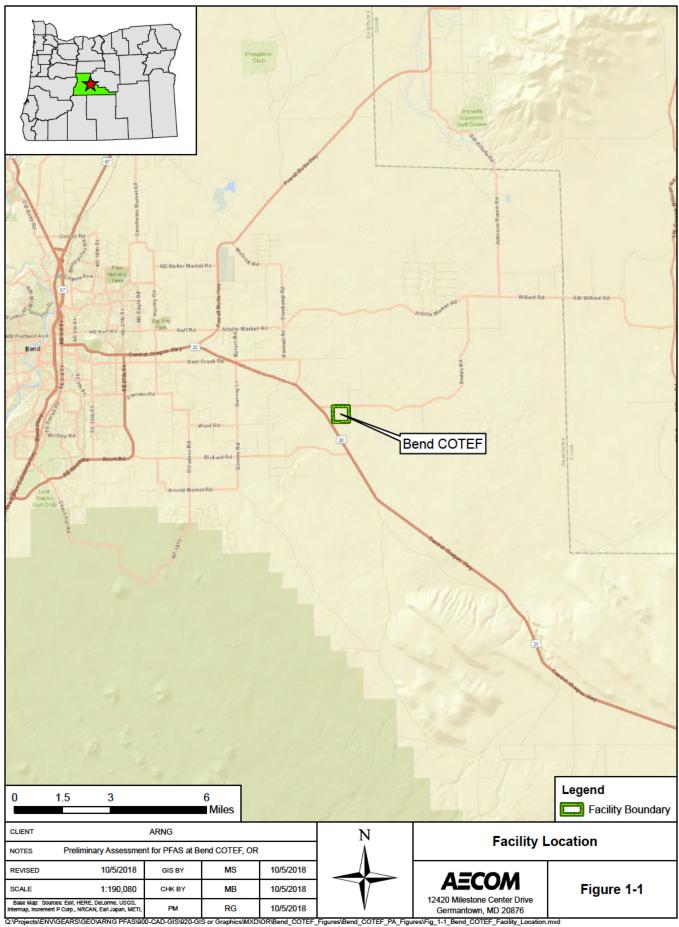
The facility is primarily unpaved; paved areas include the roadway and the parking areas surrounding the building and two warehouses. Surface stormwater runoff from paved areas flows into stormwater catch basins in the area around the main facility building (OMD, 2016). Stormwater runoff to unpaved areas infiltrates the soil. Surface water runoff at the COTEF would only occur during heavy precipitation events where precipitation exceeds the infiltration rate of soil.

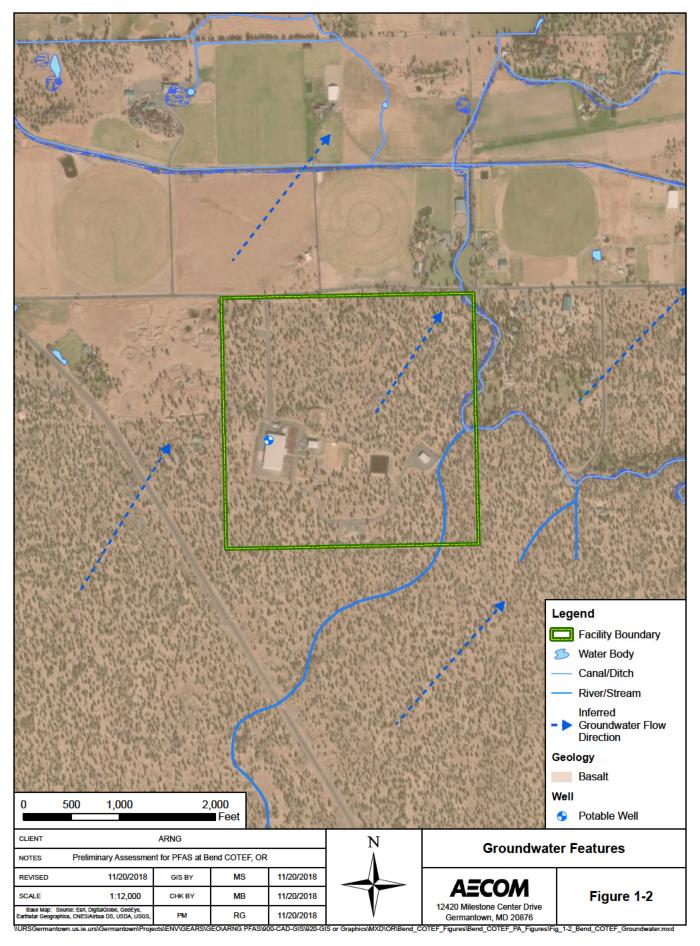
#### 1.5.4 Climate

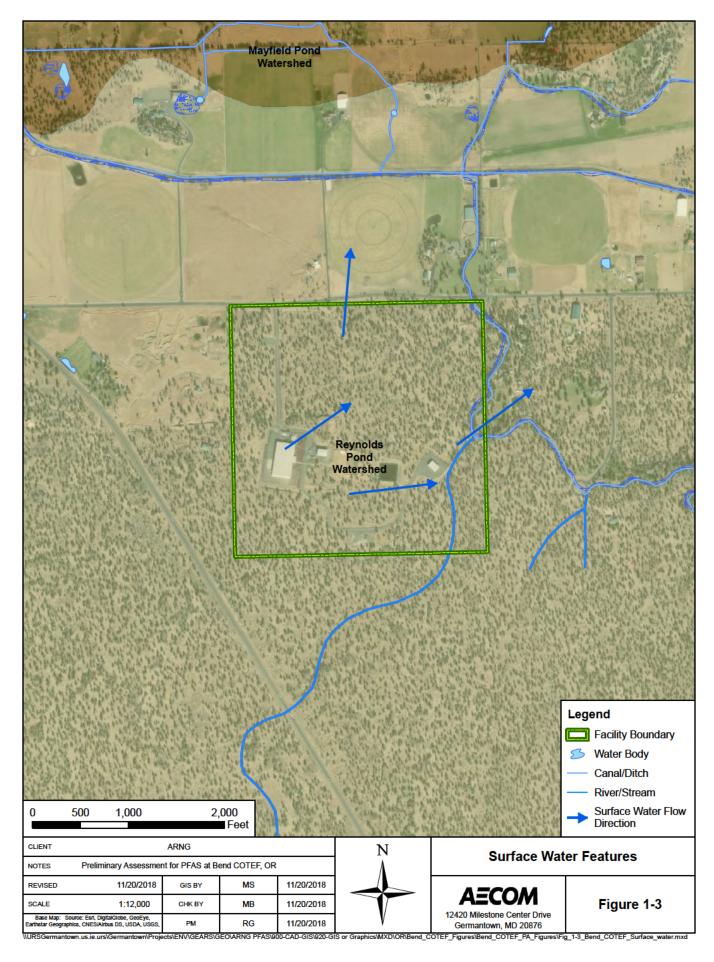
Climate in the Deschutes Basin is considered moderate with cool, wet winters and warm, dry summers. The climate is driven by air masses developing in the Pacific Ocean (approximately 150 miles west of the COTEF) and moving east over the Cascade Range (approximately 35 miles west of the COTEF), dropping up to 200 inches of precipitation (rainfall and snow) annually (mostly snow during the winter). The Deschutes Basin's climate experiences annual and long-term variability. Precipitation decreases east of the Cascade Range significantly. Annual precipitation in Bend averaged 12 inches (1961 to 1990 record). Temperatures in Bend range from 22 degrees Fahrenheit (°F) to 42°F in January and 45°F to 81°F in July (1961 to 1990 record) (USGS, 2001).

#### 1.5.5 Current and Future Land Use

The facility and the land surrounding the facility is zoned by Deschutes County as Exclusive Farm Use Alfalfa (EFUAL – Alfalfa Subzone) (DC, 2018). Land use surrounding the facility is primarily agricultural with interspersed residences. The nearest urban area is Bend, approximately 8 miles to the west. Highway 20 is west of the facility, which travels northwest to Bend for approximately 8 miles. According to the 2017 US Census, the estimated population of Bend was 94,520. Based on the population estimates, Bend's population has increased by nearly 20,000 since 2010 (Census, 2017).







#### 2. Fire Training Areas

No FTAs where PFAS was potentially released were identified at the COTEF during the PA. Firefighting support for structural fires is coordinated with the City of Bend Fire Department using water-containing fire trucks. No prescribed burns are reported to occur at COTEF. No off-post FTAs are reported to exist. Interview records appear in **Appendix B**.

#### 3. Non-Fire Training Areas

No non-FTAs were identified at the COTEF during the PA. Interview records appear in **Appendix B**.

The COTEF Facilities Manager stated the facility is equipped with a fire suppression system in the main building. This fire suppression system consists of a wet sprinkler system throughout the entire building and a wet chemical (Class F specified for cooking oils, non-AFFF and non-PFAS containing) system in the kitchen. Photographs of the kitchen system are included in the Photographic Log (**Appendix C**). According to interviewed personnel, the main building was historically equipped with a halon fire suppression system (used for suppressing Class A, B, and C fires, non-AFFF and non-PFAS-containing) that was decommissioned in the early 1990s.

Numerous dry chemical and one Purple-K agent fire extinguishers (non-AFFF and non-PFAS-containing) were observed throughout the main building and two warehouses at the COTEF. Fire extinguishers observed were either currently active or expired and stored on a shelf in the facilities maintenance room of the main building. According to the COTEF Facilities Manager, the fire extinguishers are tested annually by a contractor (All American) and replaced as needed. Photographs of non-PFAS-containing fire extinguishers observed at the COTEF are included in the Photographic Log (**Appendix C**).

#### 4. Emergency Response Areas

Based on interviews conducted with facility personnel, no emergency response actions using AFFF has occurred at the COTEF. According to the Site Training Manager, no rotary-winged or other aircraft crashes have been reported. Coordination of firefighting support via water trucks for structural fires is made with the City of Bend Fire Department, but there has been no need for responses at the facility as of the date of the PA interviews (**Appendix B**).

#### 5. Adjacent Sources

No potential off-Post sources of PFAS contamination were identified during the PA. Interview records appear in **Appendix B**. Based on interviews conducted with facility personnel and review of DEQ's *Facility Profiler Lite* and *Environmental Cleanup Site Information* databases, and EPA's *National Priority List and Superfund Alternative Approach Sites* database, there were no historic or currently active private or municipal wastewater treatment plants, historic or currently active landfills, historic or currently active electrical maintenance or chrome plating shops, or Superfund Sites located in the vicinity of the COTEF (DEQ, 2018c, 2018d; EPA, 2018)

#### 6. Conceptual Site Model

Based on the PA findings from interviews with facility personnel, on-Post observations, and online research, no release areas were identified as AOIs at the COTEF. A conceptual site model identifies three components necessary for potentially complete exposure pathways related to a site: (1) source, (2) pathway, and (3) receptor. If any of these elements are missing, the pathway is considered incomplete. No PFAS sources were identified to originate at the COTEF or from activities associated with the facility. No exposure pathways for PFAS in drinking water to receptors have been confirmed in drinking water at the facility or within the surrounding community.

#### 7. Conclusions

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

#### 7.1 Findings

Based on information obtained during interviews conducted with facility personnel, on-Post observations, and reviewed documentation, no AOIs related to PFAS release were identified at the COTEF. Evidence obtained during the PA does not support that current or former ARNG facility activities have contributed to PFAS contamination in soil, groundwater, surface water, or sediment on-Post or off-Post. No complete exposure pathways exist for PFAS contamination in groundwater from potential off-Post sources (**Figure 7-1**).

#### 7.2 Uncertainty

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

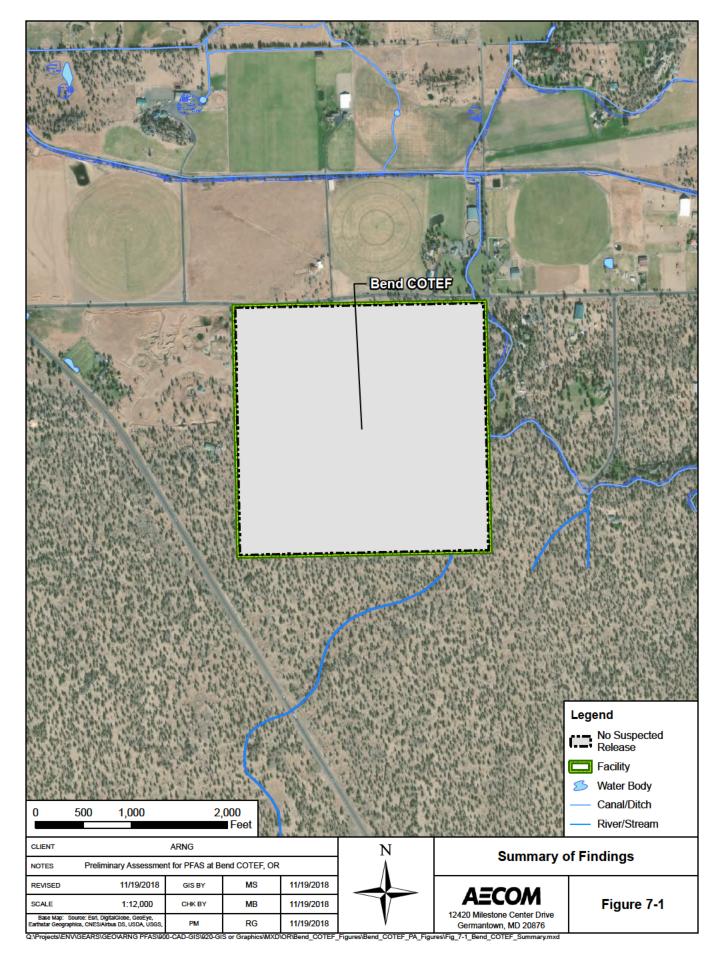
The conclusions of this PA are predominantly based on the information provided during interviews with personnel who had direct knowledge of PFAS use at the facility. Sometimes the provided information was vague or conflicted with other sources. Gathered information has a degree of uncertainty due to the absence of written documentation, the limited number of personnel with direct knowledge due to staffing changes, the time passed since PFAS was first used (1969 to present), and a reliance on personal recollection. Inaccuracies may arise in potential PFAS release locations, dates of release, volume of releases, and the concentration of AFFF used. There is also a possibility the PA has missed a source of PFAS, as the science of how PFAS may enter the environment continually evolves.

In order to minimize the level of uncertainty, readily available data regarding the use and storage of PFAS were reviewed, retired and current personnel were interviewed, multiple persons were interviewed for the same potential source area, and potential source areas were visually inspected.

No AOIs were identified at the COTEF. The direction of groundwater flow identified in this report is inferred based on the evaluated topographic gradient; groundwater flow at the facility can only be known through onsite measurements. Based on the historical and current use of the facility, a minimal degree of uncertainty is associated with the findings of this PA.

#### 7.3 Potential Future Actions

Based on the documented absence (2002-present) of the use or release of PFAS-containing materials at the COTEF, evidence does not indicate that current or former ARNG activities contributed PFAS contamination to soil, groundwater, surface water, or sediment, and the COTEF will not move forward in the CERCLA process.



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## Appendix A Data Resources

Data Resources will be provided separately on CD. Data Resources for COTEF include:

#### **COTEF Installation Maps**

- 2016 Facility Map Site #41901 Bend COTEF RPI
- 2016 Facility Map Site #41901 Bend COTEF

#### **COTEF EDR Report**

2018 COTEF Environmental Data Resource Report

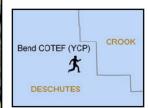
#### Legend ACCESS POINT CATCH BASIN DOZING TANK ■ ELECTRICAL GATE **GREASE TRAP** HAZMAT STORAGE **O** HYDRANT <all other values> DISTRIB\_BOX JUNCTION\_BOX MANHOLE LANDING ZONE SEWER ■ STORM TELECOM WATER WATER TANK WELL ELECTRICAL Gas Line ×=× FENCE — <all other values> OPEN\_DRAINAGE — PAVED\_DITCH — UNPAVED\_DITCH --- SECURITY PERIMETER — SEWER - STORM TELECOM TWISTED PAIR - WATER ABOVEGROUND STORAGE TANK TELECOM ANTENNA WASTEWATER DRAIN FIELD WASTEWATER FILTRATION BED WASTEWATER LAGOON SIDEWALK PAVED ROAD **UNPAVED ROAD** PAVED PARKING LOT UNPAVED PARKING LOT STRUCTURE INSTALLATION BOUNDARY



## Site # 41901 **Bend COTEF RPI**







Address: 23861 Dodds Road Bend, OR 97701

600

Feet

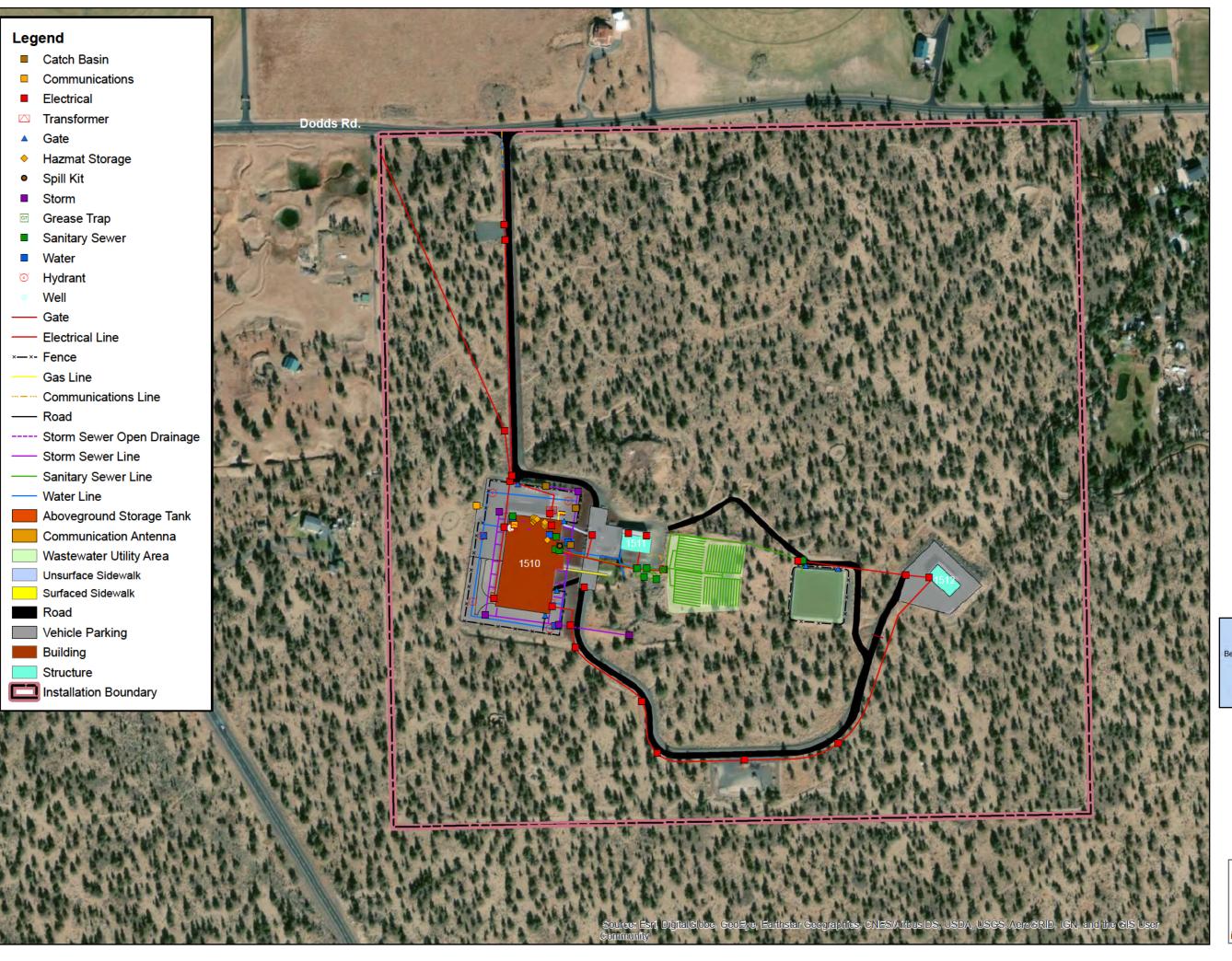
1 inch = 300 feet

150 300

T: 18 S R: 13 E Sec: 11 NAD 83 UTM Zone 10 North

Projection: Transverse Mercator 2016 AGI KH

No warranty is made by the Oregon Military Department as to the accuracy, reliability, or completeness of this data for individual or aggregate use with other data. This map is a "Living document," in that it is intended to change as new data becomes available and are incorporated into the OMD Enterprise GIS database



## Site # 41901 Bend COTEF

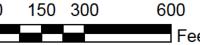






Address: 23861 Dodds Road Bend, OR 97701

1 inch = 333 feet 150 300 60



T: 18 S R: 13 E Sec: 11 NAD 83 UTM Zone 10 North Projection: Transverse Mercator Aug 2018

No warranty is made by the Oregon Military
Department as to the accuracy, reliability, or
completeness of this data for individual or
aggregate use with other data. This map is a
"Living document," in that it is intended to change
as new data becomes available and are
incorporated into the OMD Enterprise GIS database

Fax To: AECOM

**Contact: Brittany Kirchmann** 

Fax: 000-000-0000 Date: 10/25/2018 Fax From: Sean McLaughlin

EDR

Phone: 1-800-352-0050

#### EDR PUR-IQ® Report

"the intelligent way to conduct historical research"

for Bend COTEF 23861 Dodds Road Bend, OR 97701 Lat./Long. 44.025796 / 121.128308 EDR Inquiry # 5464927.2s

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports® comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

**Potential for EDR Historical (Prior Use) Coverage -** Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

**1. Building Permits:** Building Permits are available for 'BEND', OR (1973 - 2017).

2. City Directory: Coverage exists for portions of BEND, OR for 1963, 1965, 1967,

1968, 1970, 1971, 1973-1981, 1987, 1989, 2000

3. Fire Insurance Map: When you order online any EDR Package or the EDR Radius Map with

EDR Sanborn Map Search/Print, you receive site specific Sanborn

Map coverage information at no charge.

4. Aerial Photograph: Aerial photography coverage may exist for portions of Deschutes

County. Please contact your EDR Account Executive for information

about USGS photos available through EDR.

5. Topographic Map: The USGS 7.5 min. quad topo sheet(s) associated with this site:

Historical: Coverage exists for DESCHUTES County

Current: Target Property: TP | 2014 | 6067428 Bend Airport, OR

Additional required for 1 Mile radius: NE | 2014 | 6067424 Alfalfa, OR

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs and historical topographic map resources available for Bend, OR. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.



#### EDR - HISTORICAL SOURCE(S) ORDER FORM

AECOM Brittany Kirchmann Account # 1861179

Bend COTEF 23861 Dodds Road Bend, OR 97701 DESCHUTES County Lat./Long. 44.025796 / 121.128308 EDR Inquiry # 5464927.2s

Should you wish to change or add to your order, fax this form to your EDR account executive:

Reports

Sean McLaughlin Ph: 1-800-352-0050 Fax: 1-800-231-6802

| Teports   |                                   |   |
|---|-----------------------------------|---|
| EDR Sanborn Map®Search/Print  |                                   |   |
| EDR Fire Insurance Map Abstract   |                                   |   |
| EDR Multi-Tenant Retail Facility® Repo  | rt                                |   |
| EDR City Directory Abstract   |                                   |   |
| EDR Aerial Photo Decade Package   |                                   |   |
| USGS Aerial 5 Package   |                                   |   |
| USGS Aerial 3 Package   |                                   |   |
| EDR Historical Topographic Maps   |                                   |   |
| Paper Current USGS Topo (7.5 min.)  |                                   |   |
| Environmental Lien Search   |                                   |   |
| Chain of Title Search   |                                   |   |
| NJ MacRaes Industrial Directory Repor   | t                                 |   |
| EDR Telephone Interview   |                                   |   |
| Shipping:   |                                   |   |
| Email Express, Next Day Delivery Express, Second Day Delivery Express, Next day Delivery Express, Second Day Delivery U.S. Mail | Customer Account Customer Account | RUSH SERVICE IS AVAILABLE Acct # Acct # |

Bend COTEF 23861 Dodds Road Bend, OR 97701

Inquiry Number: 5464927.3

October 25, 2018

## **Certified Sanborn® Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

#### **Certified Sanborn® Map Report**

10/25/18

Site Name: Client Name:

Bend COTEF AECOM

23861 Dodds Road 12120 Shamrock Plaza Bend, OR 97701 Omaha, NE 68154

EDR Inquiry # 5464927.3 Contact: Brittany Kirchmann



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AECOM were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

#### Certified Sanborn Results:

Certification # A6F5-4367-B4B6

PO# NA

Project Bend COTEF

#### 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 #: A6F5-4367-B4B6

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™

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#### **Bend COTEF**

23861 Dodds Road Bend, OR 97701

Inquiry Number: 5464927.5

October 26, 2018

## The EDR Aerial Photo Decade Package



#### EDR Aerial Photo Decade Package

10/26/18

Site Name: **Client Name:** 

Bend COTEF **AECOM** 

23861 Dodds Road 12120 Shamrock Plaza Bend, OR 97701 Omaha, NE 68154 EDR Inquiry # 5464927.5



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.

Contact: Brittany Kirchmann

#### Search Results:

| <u>Year</u> | <u>Scale</u> | <u>Details</u>               | <u>Source</u> |
|-------------|--------------|------------------------------|---------------|
| 2016        | 1"=500'      | Flight Year: 2016            | USDA/NAIP     |
| 2012        | 1"=500'      | Flight Year: 2012            | USDA/NAIP     |
| 2009        | 1"=500'      | Flight Year: 2009            | USDA/NAIP     |
| 2005        | 1"=500'      | Flight Year: 2005            | USDA/NAIP     |
| 1994        | 1"=750'      | Flight Date: May 08, 1994    | USGS          |
| 1982        | 1"=500'      | Flight Date: July 22, 1982   | USDA          |
| 1980        | 1"=500'      | Flight Date: August 02, 1980 | USGS          |
| 1953        | 1"=500'      | Flight Date: May 07, 1953    | USGS          |
| 1951        | 1"=500'      | Flight Date: July 28, 1951   | USDA          |
| 1943        | 1"=500'      | Flight Date: August 20, 1943 | USDA          |

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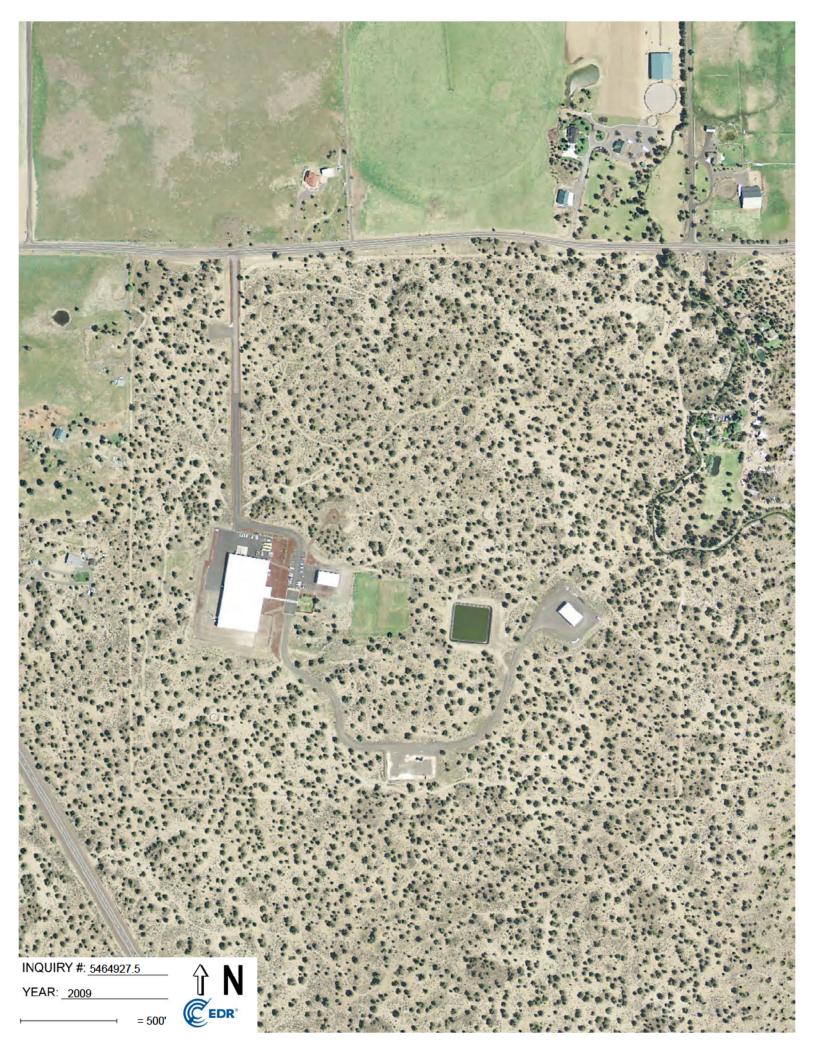
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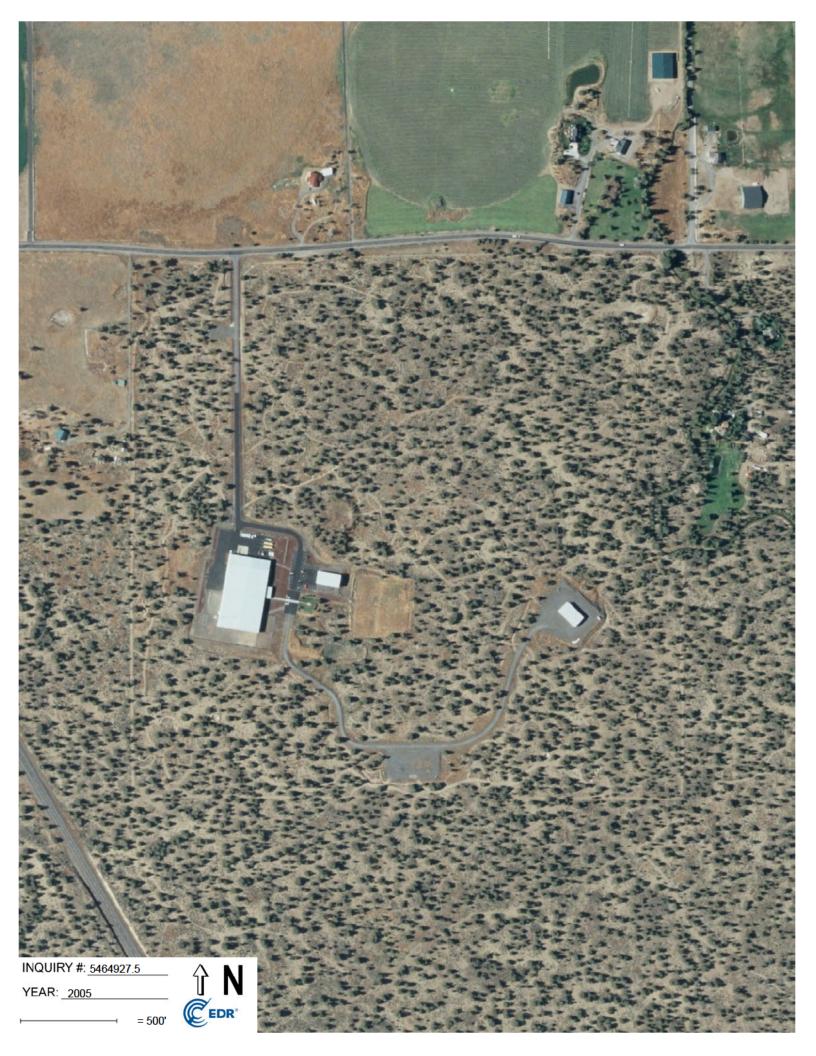
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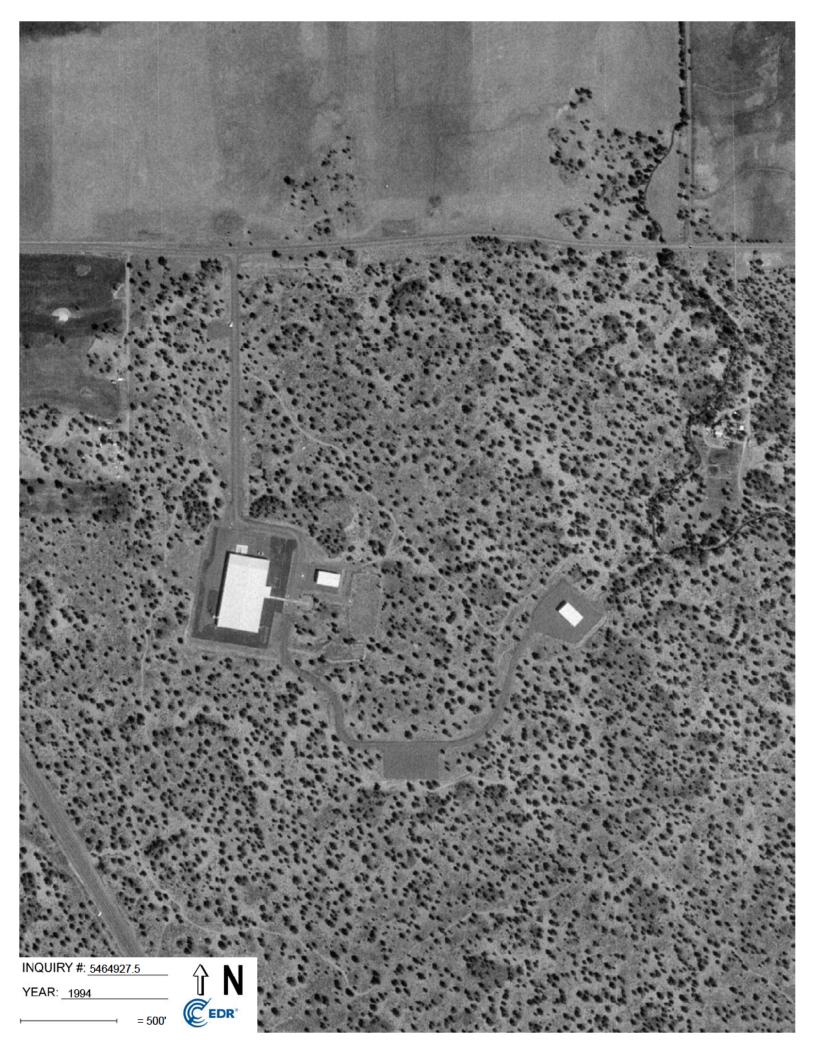


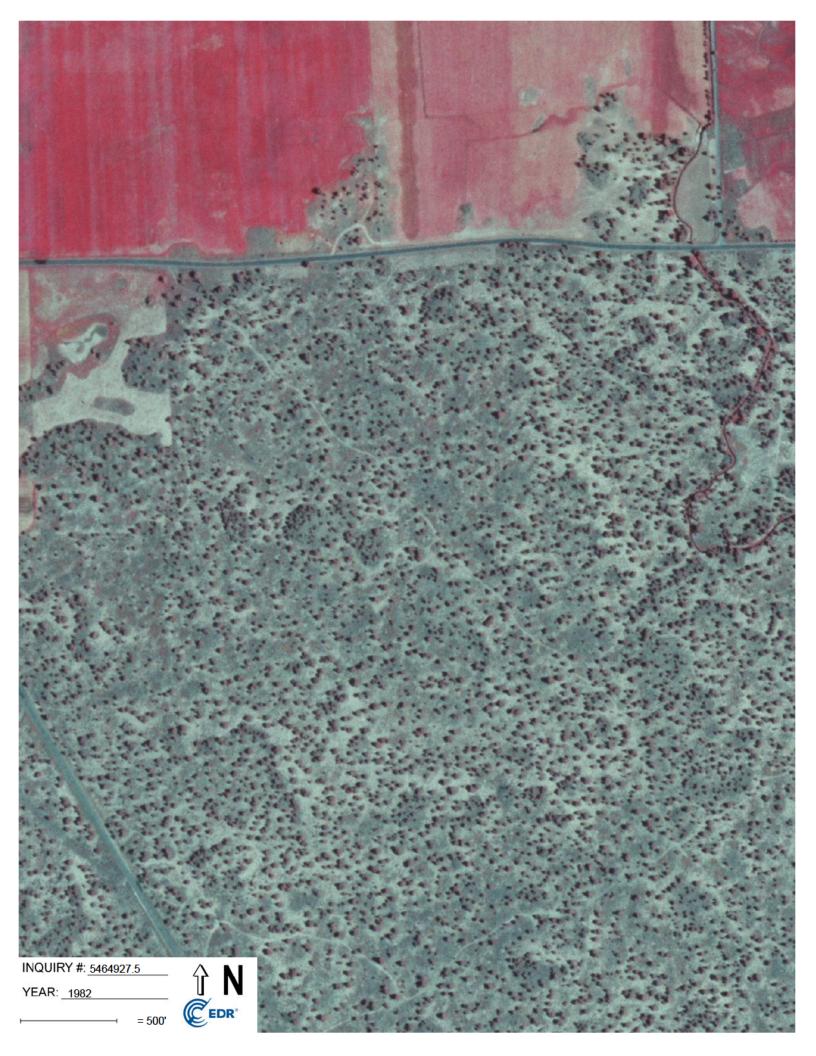




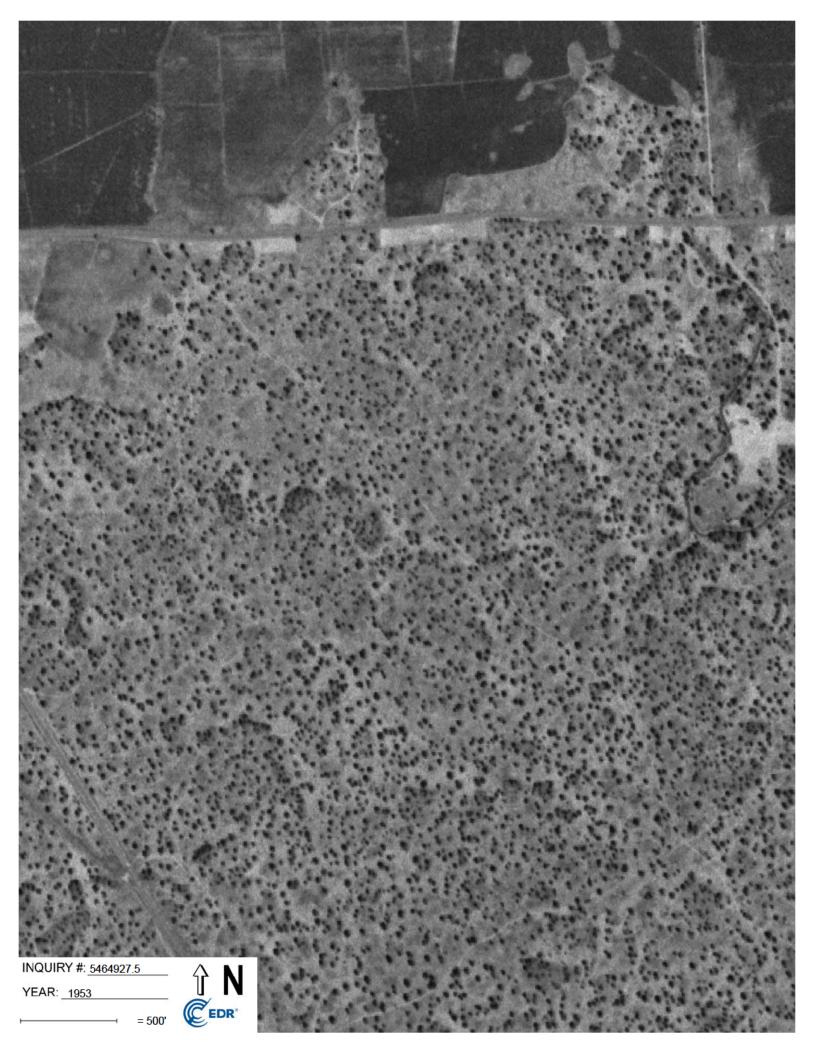


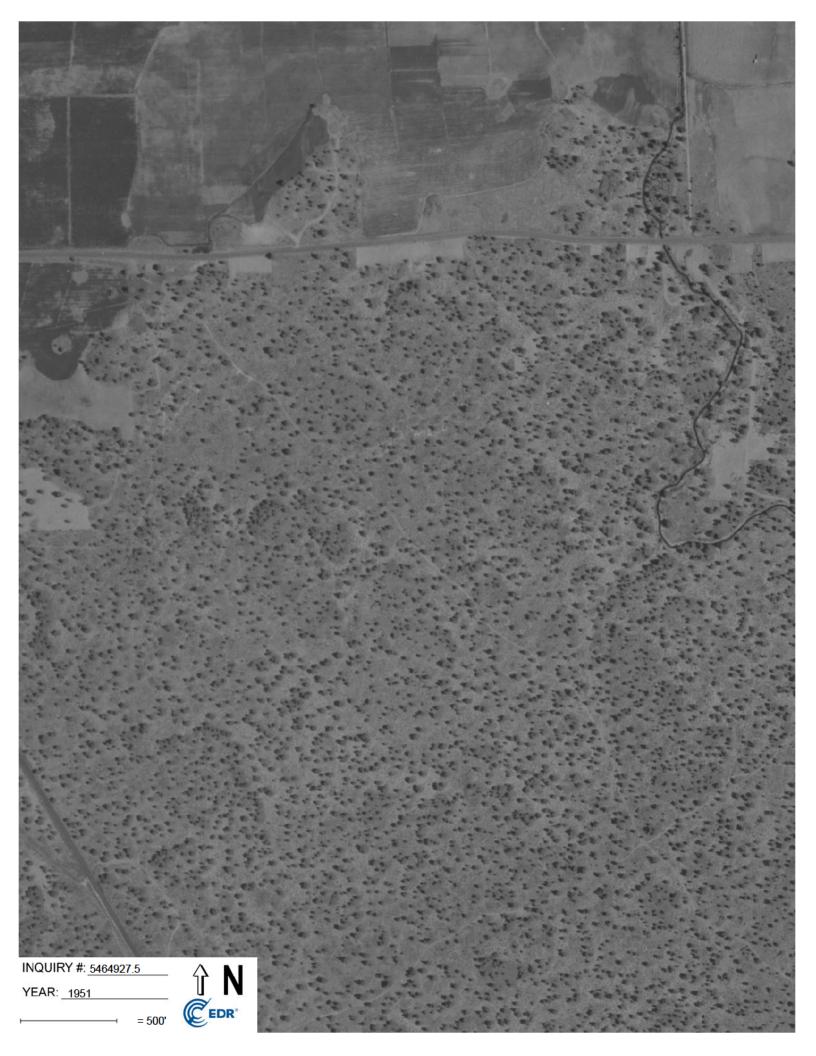


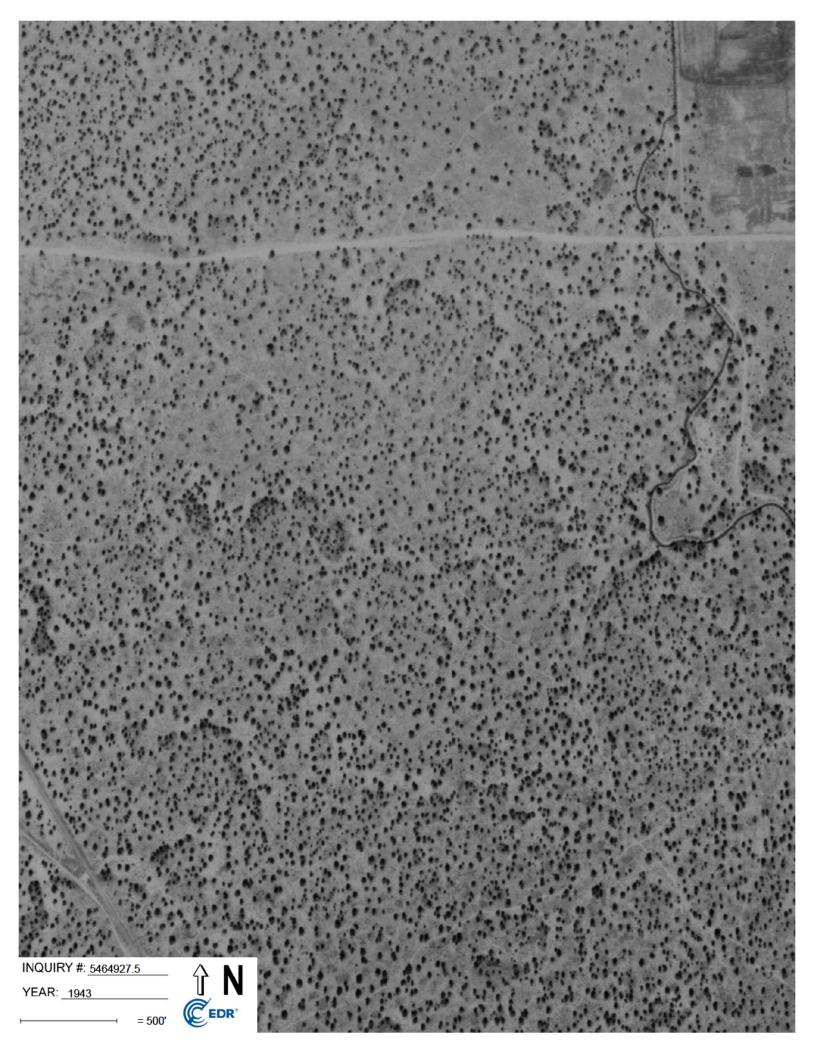




INQUIRY #: 5464927.5 YEAR: 1980







**Bend COTEF** 23861 Dodds Road Bend, OR 97701

Inquiry Number: 5464927.2s

October 25, 2018

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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

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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**

23861 DODDS ROAD BEND, OR 97701

#### **COORDINATES**

Latitude (North): 44.0257960 - 44° 1' 32.86" Longitude (West): 121.1283080 - 121° 7' 41.90"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 650001.5 UTM Y (Meters): 4876225.0

Elevation: 3521 ft. above sea level

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6067428 BEND AIRPORT, OR

Version Date: 2014

Northeast Map: 6067424 ALFALFA, OR

Version Date: 2014

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20140605 Source: USDA

## MAPPED SITES SUMMARY

Target Property Address: 23861 DODDS ROAD BEND, OR 97701

Click on Map ID to see full detail.

| MAP |                      |                |                       | RELATIVE         | DIST (ft. & mi.) |
|-----|----------------------|----------------|-----------------------|------------------|------------------|
| ID  | SITE NAME            | ADDRESS        | DATABASE ACRONYMS     | <b>ELEVATION</b> | DIRECTION        |
| A1  | US ARMY COTEF        | 23861 DODDS RD | UST                   |                  | TP               |
| A2  | OREGON ARMY NATIONAL | 23861 DODDS RD | AST, HSIS, NPDES, UIC |                  | TP               |
| A3  | OREGON YOUTH CHALLEN | 23861 DODDS RD | FINDS, ECHO           |                  | TP               |

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

| Site  | EPA ID   |     |  |  |
|---|--|-----|--|--|
| US ARMY COTEF<br>23861 DODDS RD<br>BEND, OR 97701 | UST<br>Facility ID: 7795                                     | N/A |  |  |
| OREGON ARMY NATIONAL<br>23861 DODDS RD            | AST<br>Facility Id: 044137                                   | N/A |  |  |
| BEND, OR 97701                                    | HSIS<br>Facility Id: 044137                                  |     |  |  |
|   | NPDES<br>WQ File Nbr: 113931                                 |     |  |  |
|   | UIC<br>Facility Status: Registered & RA<br>UIC Number: 11694 |     |  |  |
| OREGON YOUTH CHALLEN<br>23861 DODDS RD            | FINDS<br>Registry ID:: 110036106683                          | N/A |  |  |
| BEND, OR 97701                                    | ECHO<br>Registry ID: 110036106683                            |     |  |  |

## **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<br>Proposed NPL<br>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 |

SEMS..... Superfund Enterprise Management System Federal CERCLIS NFRAP site list SEMS-ARCHIVE...... Superfund Enterprise Management System Archive Federal RCRA CORRACTS facilities list CORRACTS...... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG...... RCRA - Large Quantity Generators RCRA-SQG RCRA - Small Quantity Generators RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries .....Land Use Control Information System US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent CERCLIS ECSI..... Environmental Cleanup Site Information System CRL..... Confirmed Release List and Inventory State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Facilities List State and tribal leaking storage tank lists Leaking Underground Storage Tank Database INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists FEMA UST..... Underground Storage Tank Listing INDIAN UST...... Underground Storage Tanks on Indian Land State and tribal institutional control / engineering control registries ENG CONTROLS..... Engineering Controls Recorded at ESCI Sites INST CONTROL..... Institutional Controls Recorded at ESCI Sites State and tribal voluntary cleanup sites INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF...... Old Closed SW Disposal Sites SWRCY...... Recycling Facility Location 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

AOCONCERN......Columbia Slough

CDL Uninhabitable Drug Lab Properties
US CDL National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR....... RCRA - Non Generators / No Longer Regulated

FUDS Formerly Used Defense Sites DOD Department of Defense Sites

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TRIS...... Toxic Chemical Release Inventory System

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)

MLTS..... Material Licensing Tracking System COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File ABANDONED MINES..... Abandoned Mines

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing

FUELS PROGRAM..... EPA Fuels Program Registered Listing

AIRS..... Oregon Title V Facility Listing COAL ASH Coal Ash Disposal Sites Listing DRYCLEANERS Drycleaning Facilities

Enforcement Action Listing

Financial Assurance Information Listing

MANIFEST..... Manifest Information

### **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 HWS  | Recovered Government Archive State Hazardous Waste Facilities List |
|----------|--|
| RGA LF   | Recovered Government Archive Solid Waste Facilities List           |
| RGA LUST | Recovered Government Archive Leaking Underground Storage Tank      |

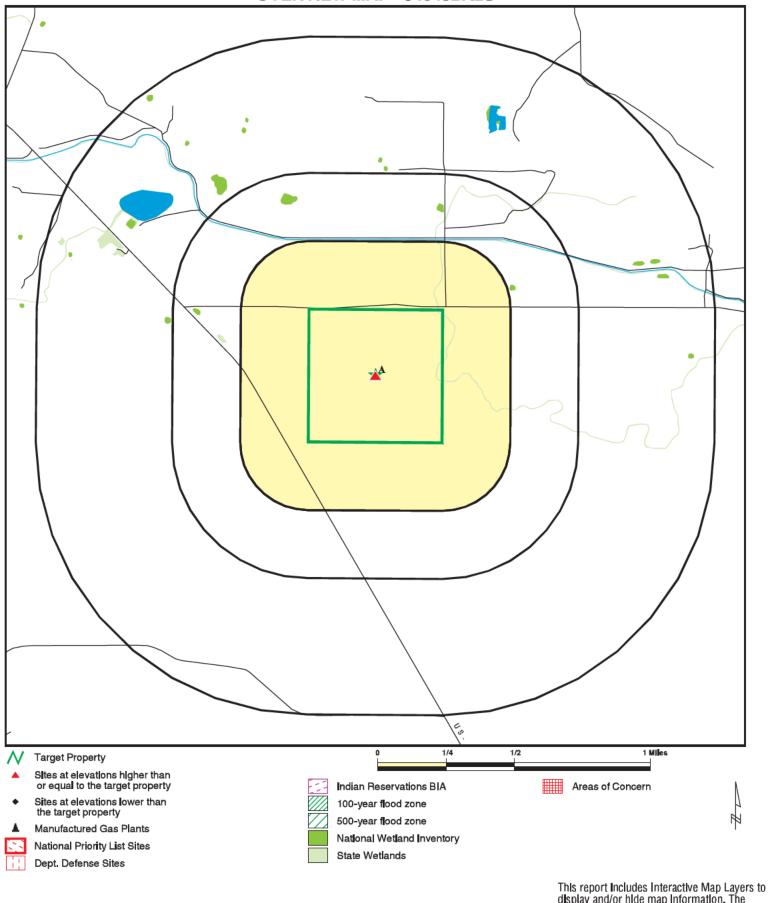
#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

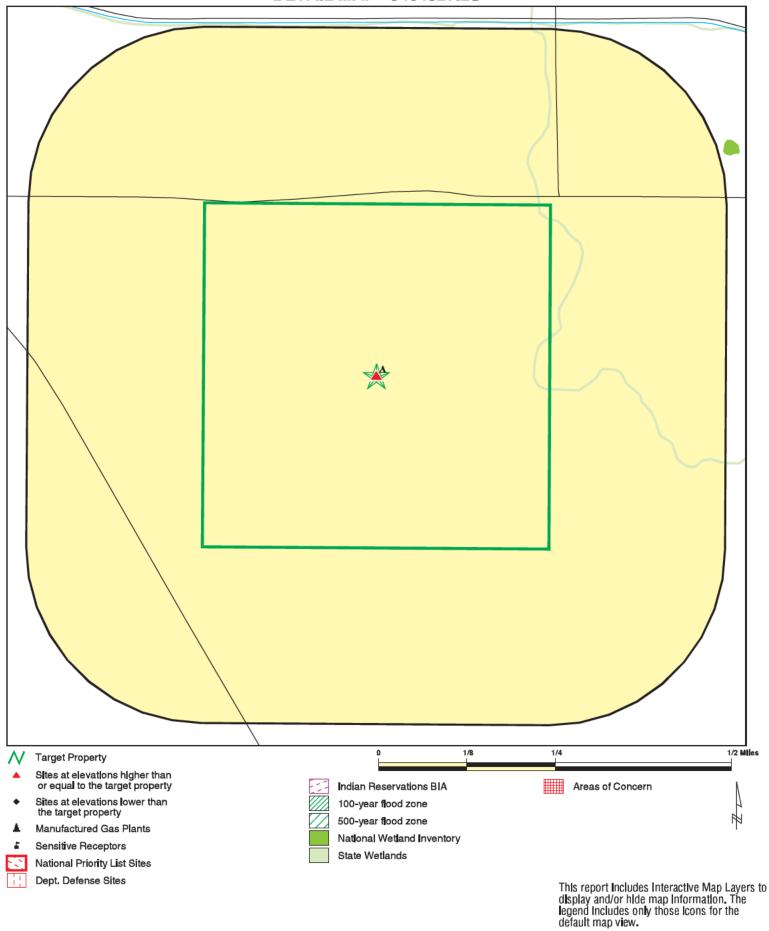
There were no unmapped sites in this report.

## **OVERVIEW MAP - 5464927.2S**



This report includes interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

## **DETAIL MAP - 5464927.2S**



LAT/LONG: 44.025796 / 121.128308 DATE: October 25, 2018 11:41 am

SITE NAME: Bend COTEF

23861 Dodds Road Bend OR 97701

ADDRESS:

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

CLIENT: AECOM CONTACT: Brittany Kirchmann **AECOM** 

INQUIRY #: 5464927.2s

| Database  | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8        | 1/8 - 1/4    | 1/4 - 1/2      | 1/2 - 1        | > 1            | Total<br>Plotted |
|---|-------------------------------|--------------------|--------------|--------------|----------------|----------------|----------------|------------------|
| STANDARD ENVIRONMEN                                   | TAL RECORDS                   |                    |              |              |                |                |                |                  |
| Federal NPL site list                                 |                               |                    |              |              |                |                |                |                  |
| NPL<br>Proposed NPL<br>NPL LIENS                      | 1.000<br>1.000<br>TP          |                    | 0<br>0<br>NR | 0<br>0<br>NR | 0<br>0<br>NR   | 0<br>0<br>NR   | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal Delisted NPL sit                              | te list                       |                    |              |              |                |                |                |                  |
| Delisted NPL  | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal CERCLIS list                                  |                               |                    |              |              |                |                |                |                  |
| FEDERAL FACILITY<br>SEMS                              | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| Federal CERCLIS NFRA                                  | P site list                   |                    |              |              |                |                |                |                  |
| SEMS-ARCHIVE  | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA CORRAC                                   | TS facilities lis             | t                  |              |              |                |                |                |                  |
| CORRACTS  | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |
| Federal RCRA non-COR                                  | RACTS TSD fa                  | cilities list      |              |              |                |                |                |                  |
| RCRA-TSDF   | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| Federal RCRA generator                                | rs list                       |                    |              |              |                |                |                |                  |
| RCRA-LQG<br>RCRA-SQG<br>RCRA-CESQG                    | 0.250<br>0.250<br>0.250       |                    | 0<br>0<br>0  | 0<br>0<br>0  | NR<br>NR<br>NR | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal institutional con engineering controls re     |                               |                    |              |              |                |                |                |                  |
| LUCIS<br>US ENG CONTROLS<br>US INST CONTROL           | 0.500<br>0.500<br>0.500       |                    | 0<br>0<br>0  | 0<br>0<br>0  | 0<br>0<br>0    | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal ERNS list                                     |                               |                    |              |              |                |                |                |                  |
| ERNS  | TP                            |                    | NR           | NR           | NR             | NR             | NR             | 0                |
| State- and tribal - equiva                            | alent CERCLIS                 |                    |              |              |                |                |                |                  |
| ECSI<br>CRL   | 1.000<br>1.000                |                    | 0<br>0       | 0<br>0       | 0<br>0         | 0<br>0         | NR<br>NR       | 0<br>0           |
| State and tribal landfill a solid waste disposal site |                               |                    |              |              |                |                |                |                  |
| SWF/LF  | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |
| State and tribal leaking                              | storage tank lis              | sts                |              |              |                |                |                |                  |
| LUST<br>INDIAN LUST                                   | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| State and tribal registere                            | ed storage tanl               | k lists            |              |              |                |                |                |                  |
| FEMA UST  | 0.250                         |                    | 0            | 0            | NR             | NR             | NR             | 0                |

| Database   | Search<br>Distance<br>(Miles)                      | Target<br>Property | < 1/8                 | 1/8 - 1/4             | 1/4 - 1/2             | 1/2 - 1                    | > 1                        | Total<br>Plotted      |
|--|--|--------------------|-----------------------|-----------------------|-----------------------|----------------------------|----------------------------|-----------------------|
| UST<br>AST<br>INDIAN UST   | 0.250<br>0.250<br>0.250                            | 1                  | 0<br>0<br>0           | 0<br>0<br>0           | NR<br>NR<br>NR        | NR<br>NR<br>NR             | NR<br>NR<br>NR             | 1<br>1<br>0           |
| State and tribal institution control / engineering con                     |  | s                  |                       |                       |                       |                            |                            |                       |
| ENG CONTROLS<br>INST CONTROL   | 0.500<br>0.500                                     |                    | 0<br>0                | 0<br>0                | 0<br>0                | NR<br>NR                   | NR<br>NR                   | 0<br>0                |
| State and tribal voluntary   | cleanup site                                       | es                 |                       |                       |                       |                            |                            |                       |
| INDIAN VCP<br>VCP  | 0.500<br>0.500                                     |                    | 0<br>0                | 0<br>0                | 0<br>0                | NR<br>NR                   | NR<br>NR                   | 0<br>0                |
| State and tribal Brownfie  | 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                     | 0                     | NR                         | NR                         | 0                     |
| Local Lists of Landfill / S<br>Waste Disposal Sites                        | olid   |                    |                       |                       |                       |                            |                            |                       |
| HIST LF<br>SWRCY<br>INDIAN ODI<br>ODI<br>DEBRIS REGION 9<br>IHS OPEN DUMPS | 0.500<br>0.500<br>0.500<br>0.500<br>0.500<br>0.500 |                    | 0<br>0<br>0<br>0<br>0 | 0<br>0<br>0<br>0<br>0 | 0<br>0<br>0<br>0<br>0 | NR<br>NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR<br>NR | 0<br>0<br>0<br>0<br>0 |
| Local Lists of Hazardous<br>Contaminated Sites                             | waste/   |                    |                       |                       |                       |                            |                            |                       |
| US HIST CDL<br>AOCONCERN<br>CDL<br>US CDL                                  | TP<br>1.000<br>TP<br>TP                            |                    | NR<br>0<br>NR<br>NR   | NR<br>0<br>NR<br>NR   | NR<br>0<br>NR<br>NR   | NR<br>0<br>NR<br>NR        | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0           |
| Local Land Records   |  |                    |                       |                       |                       |                            |                            |                       |
| LIENS 2  | TP   |                    | NR                    | NR                    | NR                    | NR                         | NR                         | 0                     |
| Records of Emergency R   | elease Repo  | rts                |                       |                       |                       |                            |                            |                       |
| HMIRS<br>SPILLS<br>OR HAZMAT<br>SPILLS 90                                  | TP<br>TP<br>TP<br>TP                               |                    | NR<br>NR<br>NR<br>NR  | NR<br>NR<br>NR<br>NR  | NR<br>NR<br>NR<br>NR  | NR<br>NR<br>NR<br>NR       | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0<br>0      |
| Other Ascertainable Reco   | ords   |                    |                       |                       |                       |                            |                            |                       |
| RCRA NonGen / NLR<br>FUDS<br>DOD   | 0.250<br>1.000<br>1.000                            |                    | 0<br>0<br>0           | 0<br>0<br>0           | NR<br>0<br>0          | NR<br>0<br>0               | NR<br>NR<br>NR             | 0<br>0<br>0           |

| Database                         | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8  | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1      | Total<br>Plotted |
|----------------------------------|-------------------------------|--------------------|--------|-----------|-----------|---------|----------|------------------|
| SCRD DRYCLEANERS                 | 0.500                         |                    | 0      | 0         | 0         | NR      | NR       | 0                |
| US FIN ASSUR                     | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| EPA WATCH LIST                   | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| 2020 COR ACTION                  | 0.250                         |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| TSCA                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | Ö                |
| TRIS                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | Ö                |
| SSTS                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | Ö                |
| ROD                              | 1.000                         |                    | 0      | 0         | 0         | 0       | NR       | Ö                |
| RMP                              | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| RAATS                            | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| PRP                              | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| PADS                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| ICIS                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| FTTS                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| MLTS                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| COAL ASH DOE                     | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| COAL ASH EPA                     | 0.500                         |                    | 0      | 0         | 0         | NR      | NR       | 0                |
| PCB TRANSFORMER                  | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| RADINFO                          | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| HIST FTTS                        | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| DOT OPS                          | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| CONSENT                          | 1.000                         |                    | 0      | 0         | 0         | 0       | NR       | 0                |
| INDIAN RESERV<br>FUSRAP          | 1.000                         |                    | 0      | 0         | 0         | 0       | NR       | 0                |
| UMTRA                            | 1.000<br>0.500                |                    | 0<br>0 | 0<br>0    | 0<br>0    | 0<br>NR | NR<br>NR | 0<br>0           |
| LEAD SMELTERS                    | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| US AIRS                          | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| US MINES                         | 0.250                         |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| ABANDONED MINES                  | 0.250                         |                    | Ö      | ő         | NR        | NR      | NR       | 0                |
| FINDS                            | TP                            | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| ECHO                             | TP                            | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| UXO                              | 1.000                         | •                  | 0      | 0         | 0         | 0       | NR       | 0                |
| DOCKET HWC                       | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| FUELS PROGRAM                    | 0.250                         |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| AIRS                             | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| COAL ASH                         | 0.500                         |                    | 0      | 0         | 0         | NR      | NR       | 0                |
| DRYCLEANERS                      | 0.250                         |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| Enforcement                      | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| Financial Assurance              | TP                            |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| HSIS                             | TP                            | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| MANIFEST                         | 0.250                         |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| NPDES                            | TP                            | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| UIC                              | TP                            | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| EDR HIGH RISK HISTORICAL RECORDS |                               |                    |        |           |           |         |          |                  |
| EDR Exclusive 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                         |                    | 0      | NR        | NR        | NR      | NR       | 0                |
|                                  |                               |                    |        |           |           |         |          |                  |

| Database           | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total<br>Plotted |
|--------------------|-------------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| EDR RECOVERED GO   | VERNMENT ARCHIV               | <u>'ES</u>         |       |           |           |         |     |                  |
| Exclusive Recovere | d Govt. Archives              |                    |       |           |           |         |     |                  |
| RGA HWS            | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| RGA LF             | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| RGA LUST           | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
|                    |                               |                    |       |           |           |         |     |                  |
| - Totals           |                               | 7                  | 0     | 0         | 0         | 0       | 0   | 7                |

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Distance EDR ID Number Database(s) EPA ID Number

A1 US ARMY COTEF UST U000437781
Target 23861 DODDS RD N/A

Property BEND, OR 97701

UST:

Site 1 of 3 in cluster A

Actual:

**3521 ft.** Facility ID: 7795

Facility Telephone: (503) 382-4716

Permittee Name: RODNEY L DAVIS, MAINTENANCE SUPERVISOR

Number of Permitted Tanks: Not reported Active Tanks: Not reported

Decommissioned Tanks: 3 Number of Tanks: 3

A2 OREGON ARMY NATIONAL GUARD AST \$111210827

Target 23861 DODDS RD Property BEND, OR 97701 HSIS N/A NPDES

UIC

Site 2 of 3 in cluster A

Actual: AST: 3521 ft. Fa

Facility Id: 044137
Hazardous Substance: PROPANE
Reporting Quantities: 1,000-4,999
Quantity Units: GALLONS

Physical State: GAS

Storage 1: ABOVEGROUND TANK

HSIS:

Facility ID: 044137
Department Or Division Of Company: OYCP
Extremely Hazardous Substance: N
Facility Has Written Emergency Plan: Y
Contains 112R: N
NAICS Code 1: 928110

NAICS Desc 1: NATIONAL SECURITY

NAICS Code 2: 000000
NAICS Desc 2: Not reported

Manager Name: DANIEL RADABAUGH

Business Phone: 5413179623
Mailing Address: PO BOX 14350
Mailing City: SALEM
Mailing State: OR
Mailing Zip: 973095047
No. of Employees: 210

 Day Phone:
 5413179623

 Placard:
 Y

 Fire Dept Code:
 0024

 FD:
 BEND FD

Sprinkler System:

Emergency Contact: RAYMOND STANLEY

Emergency Procedure: Not reported

Business Type: RESIDENTIAL ALTERNATIVE HIGH SCHOOL

Facility Type: Not reported
Division/Department: Not reported
Facility Status: Not reported
Status TRI: Not reported
Status RMP: Not reported

MAP FINDINGS Map ID Direction

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

#### **OREGON ARMY NATIONAL GUARD (Continued)**

S111210827

Status PSM: Not reported Status CR2K: Not reported Not reported Status 302: Owner Name: Not reported Latest Report ID: Not reported Case Number: Not reported Chemical Name: Not reported EHS Name: Not reported Is Pure: Not reported Is Mix: Not reported Is EHS: Not reported Not reported Mixture Component: Maximum DailyAmount Code: Not reported Maximum DailyAmount Unit: Not reported Chemical Added Date: Not reported Is ChemPSM: Not reported Is Chem112r: Not reported Is Chem302: Not reported Is Pesticide: Not reported Is Fertilizer: Not reported Physical State: Not reported **UNNA Number:** Not reported NFPA Health: Not reported NFPA Flammability: Not reported Not reported NFPA Reactivity: NFPA Special Notice: Not reported Hazards: Not reported No# of Days Onsite: Not reported Latitude: Not reported Longitude: Not reported

Facility:

Chemical Name: **PROPANE** Physical Description: GAS Case Number: 74986 044137 Facility Id: Physical State Of The Substance: 3 Avag Amt Possessed During Year CD: 20 Max Amt Possessed During Year CD: 20 Applicable Unit Of Measure Code: 2 **GALLONS** Description Of The Unit Of Measure:

Type Code:

Description: ABOVEGROUND TANK

Type Code: Not reported Temperature Description: Not reported

Pressure of Code:

NORMAL PRESSURE Pressure Description:

Pressure of Code: Not reported Not reported Pressure Description:

NORMAL TEMPERATURE Temperature Description:

Temperature of The Hazardous Substance Code:

Temperature Description: Not reported Temperature of The Hazardous Substance Code: Not reported Days Hazardous Substance On Site During Year: 365 Is The Substance Protected A Trade Secret: False Description Of The Max Qnty Code: 1,000-4,999 Description Of The Avg Qnty Code: 1,000-4,999 **PROPANE** Most Hazardous Ingridient:

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

#### **OREGON ARMY NATIONAL GUARD (Continued)**

S111210827

**EDR ID Number** 

United Nations/north America 4 Digit Class Number: 1075 Hazard Rank: 2

EHS Ingredient: NONE LISTED ON SDS

Substance Pure: False Substance Mix: True

First Hazardous Class Code For Chemical: Flammable Gas
Second Hazardous Class Code For Chemical: Acute Health Hazard

Third Hazardous Class Code For Chemical: Not reported

Hazard Class 1 Of The Chemical: 2.1 Hazard Class 2 Of The Chemical: 6.3

Hazard Class 3 Of The Chemical: Not reported

Chemical:

Chemical Name: PROPANE
United Nations/north America 4 Digit Class Number: 1075
Chemical Abstract Service Identifier Number: 74986
Chemical Is Extremely Hazardous Substance (EHS): N

First Hazardous Class Code For Chemical: Flammable Gas
Second Hazardous Class Code For Chemical: Acute Health Hazard

Third Hazardous Class Code For Chemical: Not reported

Hazard Class 1 Of The Chemical: 2.1 Hazard Class 2 Of The Chemical: 6.3

Hazard Class 3 Of The Chemical: Not reported

Chemical Is A Toxic 313 Chemical: N

EPA Pesticide Registration Number: Not reported

Contains 112R: N
Contains EHS: N
Fertilizer: N
Pesticide: N
Contains 313: N

NPDES:

WQ File Nbr: 113931

Legal Name: OREGON MILITARY DEPARTMENT

Region: ER Pri SIC: 8211

Facility Type: ELEMENTARY & SECONDARY SCHOOLS

Latitude: 44.0256 Longitude: -121.1308 Category: DOM

Permit Type: WPCF-DOM-E

Permit Active: True
Is Active?: Not reported

Permit Description: Sewage treatment lagoons with no discharge to surface waters

Expiration Date: 10/31/2025 EPA Number: n/a UIC Facility: True

Admin Agent: Pendleton Office Last Action Date: 11/19/2015 Permit Writer: Brown Compliance Inspector: Brown DMR Reviewer: Brown Application Number: 958456 Class: N/A Start Date: 09/13/2005

MAP FINDINGS Map ID

Direction Distance

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

#### **OREGON ARMY NATIONAL GUARD (Continued)**

S111210827

Region Decode: East Region

OR UIC:

UIC Well #: 1 Type: 5W32

Type Description: Septic Systems (drainfield Disposal Method)

Status: Active Permit UIC Number: 11694

Facility Status: Registered & RA Lat/Long: 44.024899 / -121.1313

**OREGON YOUTH CHALLENGE PROGRAM SCHOOL** А3 **Target** 

**FINDS** 1011474665 23861 DODDS RD **ECHO** N/A

BEND, OR 97701 **Property** 

Site 3 of 3 in cluster A

FINDS: Actual: 3521 ft.

> Registry ID: 110036106683

Environmental Interest/Information System

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental

regulations.

NON-TRANSIENT NON-COMMUNITY WATER SYSTEM

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

1011474665 Envid: Registry ID: 110036106683

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110036106683 Count: 0 records. ORPHAN SUMMARY

City EDR ID Site Name Site Address Zip Database(s)

NO SITES FOUND

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

#### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/17/2018 Source: EPA Date Data Arrived at EDR: 08/09/2018 Telephone: N/A

Last EDR Contact: 10/04/2018 Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29 Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

**NPL Site Boundaries** 

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.

Source: EPA

Telephone: N/A

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018

Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29

Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29

Source: EPA Telephone: N/A

Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

#### Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 92

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 07/06/2018 Next Scheduled EDR Contact: 10/15/2018

Data Release Frequency: Varies

#### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Quarterly

#### Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 09/07/2018

Number of Days to Update: 29

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Quarterly

#### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### Federal institutional controls / engineering controls registries

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 07/16/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018 Date Data Arrived at EDR: 08/28/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 17

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018 Date Data Arrived at EDR: 08/28/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 17

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018

Data Release Frequency: Varies

#### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous

substances.

Date of Government Version: 06/18/2018 Date Data Arrived at EDR: 06/27/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 79

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### State- and tribal - equivalent CERCLIS

CRL: Confirmed Release List and Inventory All facilities with a confirmed release.

> Date of Government Version: 08/01/2018 Date Data Arrived at EDR: 08/10/2018 Date Made Active in Reports: 09/24/2018

Number of Days to Update: 45

Source: Department of Environmental Quality

Telephone: 503-229-6170 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System

Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 10/01/2018 Date Data Arrived at EDR: 10/03/2018 Date Made Active in Reports: 10/23/2018

Number of Days to Update: 20

Source: Department of Environmental Quality

Telephone: 503-229-6629 Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

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

SWF/LF: Solid Waste Facilities List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/16/2018 Date Data Arrived at EDR: 07/20/2018 Date Made Active in Reports: 08/20/2018

Number of Days to Update: 31

Source: Department of Environmental Quality

Telephone: 503-229-6299 Last EDR Contact: 10/15/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Semi-Annually

#### State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/02/2018 Date Data Arrived at EDR: 08/10/2018 Date Made Active in Reports: 09/24/2018

Number of Days to Update: 45

Source: Department of Environmental Quality

Telephone: 503-229-5790 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

#### State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/10/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Varies

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/02/2018 Date Data Arrived at EDR: 08/10/2018 Date Made Active in Reports: 09/24/2018

Number of Days to Update: 45

Source: Department of Environmental Quality

Telephone: 503-229-5815 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks

Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 09/05/2017 Date Data Arrived at EDR: 11/16/2017 Date Made Active in Reports: 01/09/2018

Number of Days to Update: 54

Source: Office of State Fire Marshal Telephone: 503-378-3473 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

#### State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Recorded at ESCI Sites

Engineering controls are physical measures selected or approved by the Director for the purpose of preventing or minimizing exposure to hazardous substances. Engineering controls may include, but are not limited to, fencing, capping, horizontal or vertical barriers, hydraulic controls, and alternative water supplies.

Date of Government Version: 10/01/2018 Date Data Arrived at EDR: 10/03/2018 Date Made Active in Reports: 10/23/2018

Number of Days to Update: 20

Source: Department of Environmental Quality

Telephone: 503-229-5193 Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

INST CONTROL: Institutional Controls Recorded at ESCI Sites

An institutional control is a legal or administrative tool or action taken to reduce the potential for exposure to hazardous substances. Institutional controls may include, but are not limited to, use restrictions, environmental monitoring requirements, and site access and security measures.

Date of Government Version: 10/01/2018 Date Data Arrived at EDR: 10/03/2018 Date Made Active in Reports: 10/23/2018

Number of Days to Update: 20

Source: Department of Environmental Quality

Telephone: 503-229-5193 Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

#### State and tribal voluntary cleanup sites

VCS: Voluntary Cleanup Program Sites

Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

Date of Government Version: 06/29/2018 Date Data Arrived at EDR: 07/03/2018 Date Made Active in Reports: 07/23/2018

Number of Days to Update: 20

Source: DEQ

Telephone: 503-229-5256 Last EDR Contact: 10/19/2018

Next Scheduled EDR Contact: 01/14/2019 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: 09/24/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

#### State and tribal Brownfields sites

**BROWNFIELDS: Brownfields Projects** 

Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 08/01/2018 Date Data Arrived at EDR: 08/10/2018 Date Made Active in Reports: 09/24/2018

Number of Days to Update: 45

Source: Department of Environmental Quality

Telephone: 503-229-6801 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Annually

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 09/18/2018

Next Scheduled EDR Contact: 12/31/2018 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: Old Closed SW Disposal Sites

A list of solid waste disposal sites that have been closed for a long while.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 07/08/2003
Date Made Active in Reports: 07/18/2003

Number of Days to Update: 10

Source: Department of Environmental Quality

Telephone: 503-229-5409 Last EDR Contact: 07/08/2003 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWRCY: Recycling Facility Location Listing A listing of recycling facility locations.

Date of Government Version: 08/28/2018 Date Data Arrived at EDR: 08/29/2018 Date Made Active in Reports: 09/24/2018

Number of Days to Update: 26

Source: Department of Environmental Quality

Telephone: 503-229-5353 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Quarterly

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 07/30/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 10/22/2018

Next Scheduled EDR Contact: 02/04/2019 Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 08/03/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 86

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: No Update Planned

AOC COL: Columbia Slough

Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005 Date Data Arrived at EDR: 05/17/2006 Date Made Active in Reports: 06/16/2006

Number of Days to Update: 30

Source: City of Portland Environmental Services

Telephone: 503-823-5310 Last EDR Contact: 03/13/2007 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

AOC MU: East Multnomah County Area

Approximate extent of TSA VOC plume February, 2002

Date of Government Version: N/A Date Data Arrived at EDR: 10/07/2002 Date Made Active in Reports: 10/22/2002

Number of Days to Update: 15

Source: City of Portland Environmental Services

Telephone: 503-823-5310 Last EDR Contact: 03/13/2007 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CDL 2: Clandestine Drug Lab Site Listing

A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 07/01/2018 Date Data Arrived at EDR: 08/01/2018 Date Made Active in Reports: 08/15/2018

Number of Days to Update: 14

Source: Oregon State Police Telephone: 503-373-1540 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

CDL: Uninhabitable Drug Lab Properties

The properties listed on these county pages have been declared by a law enforcement agency to be unfit for use due to meth lab and/or storage activities. The properties are considered uninhabitable until cleaned up by a state certified decontamination contractor and a certificate of fitness is issued by the Oregon Health Division.

Date of Government Version: 09/21/2018 Date Data Arrived at EDR: 09/25/2018 Date Made Active in Reports: 10/22/2018

Number of Days to Update: 27

Source: Department of Consumer & Business Services

Telephone: 503-378-4133 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 86

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Quarterly

#### Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

SPILLS: Spill Data

Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 10/01/2018 Date Data Arrived at EDR: 10/02/2018 Date Made Active in Reports: 10/23/2018

Number of Days to Update: 21

Source: Department of Environmental Quality

Telephone: 503-229-5815 Last EDR Contact: 10/01/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Semi-Annually

HAZMAT: Hazmat/Incidents

Hazardous material incidents reported to the State Fire Marshal by emergency responders. The hazardous material may or may not have been released.

Date of Government Version: 07/01/2018 Date Data Arrived at EDR: 08/01/2018 Date Made Active in Reports: 08/15/2018

Number of Days to Update: 14

Source: State Fire Marshal's Office Telephone: 503-373-1540 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Semi-Annually

#### 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: 05/01/2006 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: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (206) 553-1200 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 10/12/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Semi-Annually

#### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/12/2018

Next Scheduled EDR Contact: 01/21/2019

Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Varies

#### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 10/05/2018

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

#### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 08/03/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/19/2018

Data Release Frequency: Varies

#### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 09/21/2018

Next Scheduled EDR Contact: 12/31/2018 Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 10/24/2018

Next Scheduled EDR Contact: 02/04/2019 Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 57

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2018 Date Data Arrived at EDR: 08/22/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 10/23/2018

Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/11/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 10/09/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission Telephone: 301-415-7169

Last EDR Contact: 09/28/2018 Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Quarterly

TC5464927.2s Page GR-16

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 09/07/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 09/04/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/02/2018 Date Data Arrived at EDR: 07/05/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 92

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/17/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 10/01/2018

Next Scheduled EDR Contact: 12/31/2018

Data Release Frequency: Varies

**BRS: Biennial Reporting System** 

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/09/2018

Next Scheduled EDR Contact: 01/21/2019 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 09/11/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/20/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 10/04/2018

Next Scheduled EDR Contact: 01/14/2019 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites

may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018 Date Data Arrived at EDR: 08/29/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

#### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 09/10/2018

Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018 Date Data Arrived at EDR: 09/05/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 30

Source: EPA

Telephone: (206) 553-1200 Last EDR Contact: 09/18/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 06/19/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 87

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 10/15/2018

Next Scheduled EDR Contact: 01/28/2019 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 71

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018 Date Data Arrived at EDR: 09/05/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 09/05/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels

Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018 Date Data Arrived at EDR: 08/22/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 44

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 08/22/2018

Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

AIRS: Oregon Title V Facility Listing

A listing of Title V facility source and emissions information.

Date of Government Version: 07/03/2018 Date Data Arrived at EDR: 07/10/2018 Date Made Active in Reports: 08/17/2018

Number of Days to Update: 38

Source: Department of Environmental Quality

Telephone: 503-229-6459 Last EDR Contact: 10/01/2018

Next Scheduled EDR Contact: 04/17/2047 Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Sites Listing A listing of coal ash disposal sites.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 03/16/2018 Date Made Active in Reports: 05/15/2018

Number of Days to Update: 60

Source: Department of Environmental Quality

Telephone: 541-298-7255 Last EDR Contact: 08/30/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Facilities

A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 07/27/2018 Date Data Arrived at EDR: 07/31/2018 Date Made Active in Reports: 08/15/2018

Number of Days to Update: 15

Source: Department of Environmental Quality

Telephone: 503-229-6783 Last EDR Contact: 07/25/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Annually

ENF: Enforcement Action Listing Enforcement actions

> Date of Government Version: 09/18/2018 Date Data Arrived at EDR: 09/19/2018 Date Made Active in Reports: 10/23/2018

Number of Days to Update: 34

Source: Department of Environmental Quality

Telephone: 503-229-5696 Last EDR Contact: 09/19/2018

Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing Financial assurance information for hazardous waste facilities.

Date of Government Version: 05/21/2018 Date Data Arrived at EDR: 06/21/2018 Date Made Active in Reports: 07/23/2018

Number of Days to Update: 32

Source: Department of Environmental Quality

Telephone: 541-633-2011 Last EDR Contact: 08/30/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Semi-Annually

Financial Assurance 2: Financial Assurance Information Listing

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: 08/20/2018 Date Data Arrived at EDR: 08/21/2018 Date Made Active in Reports: 09/24/2018

Number of Days to Update: 34

Source: Department of Environmental Quality

Telephone: 503-229-5521 Last EDR Contact: 08/20/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Semi-Annually

HSIS: Hazardous Substance Information Survey

Companies in Oregon submitting the Hazardous Substance Information Survey and either reporting or not reporting hazardous substances.

Date of Government Version: 05/03/2018 Date Data Arrived at EDR: 05/03/2018 Date Made Active in Reports: 06/07/2018

Number of Days to Update: 35

Source: State Fire Marshal's Office

Telephone: 503-373-1540 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Semi-Annually

OR MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 08/06/2018 Date Made Active in Reports: 08/15/2018

Number of Days to Update: 9

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Annually

NPDES: Wastewater Permits Database
A listing of permitted wastewater facilities.

Date of Government Version: 09/20/2018 Date Data Arrived at EDR: 09/20/2018 Date Made Active in Reports: 10/22/2018

Number of Days to Update: 32

Source: Department of Environmental Quality

Telephone: 503-229-5657 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Varies

UIC: Underground Injection Control Program Database

DEQ's Underground Injection Control Program is authorized by the Environmental Protection Agency (EPA) to regulate all underground injection in Oregon to protect groundwater resources.

Date of Government Version: 09/25/2018 Date Data Arrived at EDR: 09/27/2018 Date Made Active in Reports: 10/23/2018

Number of Days to Update: 26

Source: Department of Environmental Quality

Telephone: 503-229-5945 Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019 Data Release Frequency: Quarterly

## **EDR HIGH RISK HISTORICAL RECORDS**

## **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

## Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

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 Environmental Quality

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 Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/27/2013
Number of Days to Update: 179

Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

Source: Department of Environmental Quality

## 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.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/01/2018 Date Data Arrived at EDR: 08/01/2018 Date Made Active in Reports: 08/31/2018

Number of Days to Update: 30

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Quarterly

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 07/09/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/06/2018

Next Scheduled EDR Contact: 12/24/2018 Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Listings Source: Employment Department Telephone: 503-947-1420

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Data Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

## STREET AND ADDRESS INFORMATION

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# **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

BEND COTEF 23861 DODDS ROAD BEND, OR 97701

## **TARGET PROPERTY COORDINATES**

Latitude (North): 44.025796 - 44° 1' 32.87" Longitude (West): 121.128308 - 121° 7' 41.91"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 650001.5 UTM Y (Meters): 4876225.0

Elevation: 3521 ft. above sea level

## **USGS TOPOGRAPHIC MAP**

Target Property Map: 6067428 BEND AIRPORT, OR

Version Date: 2014

Northeast Map: 6067424 ALFALFA, OR

Version Date: 2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

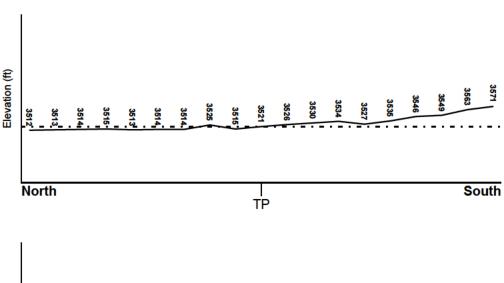
## TOPOGRAPHIC INFORMATION

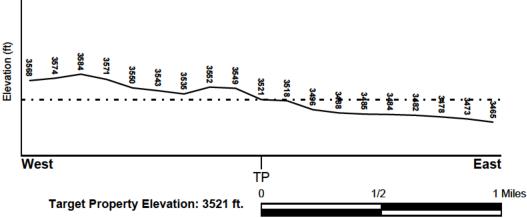
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





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.

#### **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

41017C0225C FEMA Q3 Flood data

Additional Panels in search area: FEMA Source Type

41017C0725E FEMA FIRM Flood data 41017C0350C FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

BEND AIRPORT 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.

#### **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

Not Reported

## **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: Volcanic Rocks

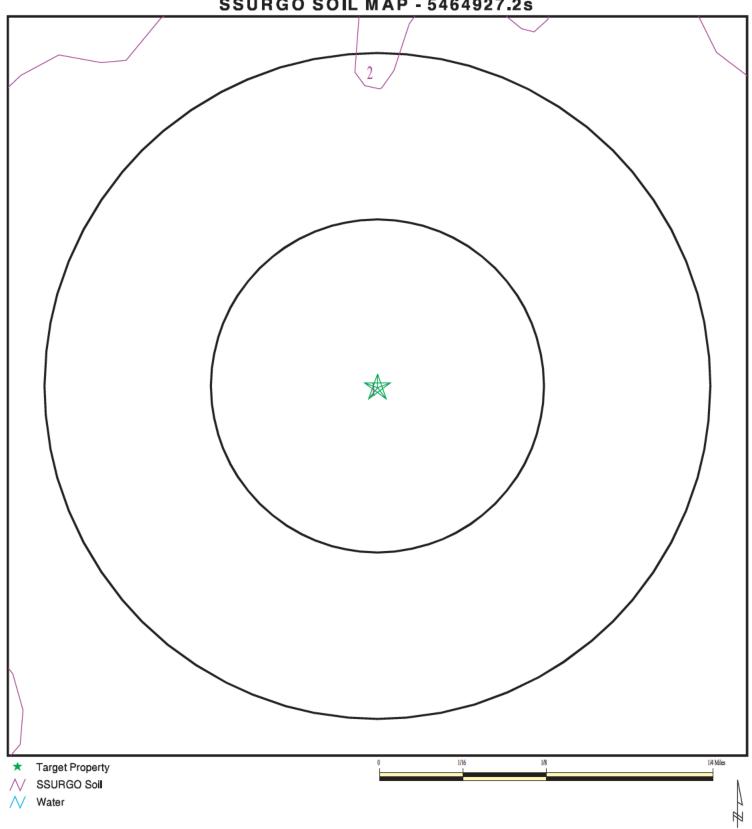
System: Quaternary

Series: Quaternary volcanic rocks

Code: Qv (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 - 5464927.2s



SITE NAME: Bend COTEF
ADDRESS: 23861 Dodds Road
Bend OR 97701
LAT/LONG: 44.025796 / 121.128308

CLIENT: AECOM
CONTACT: Brittany Kirchmann
INQUIRY #: 5464927.2s
DATE: October 25, 2018 11:42 am

## 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: Gosney

Soil Surface Texture: stony loamy sand

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: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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<br>micro m/sec | Soil Reaction (pH) |
| 1     | 0 inches               | 1 inches  | stony loamy<br>sand    | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Stone<br>Fragments,<br>Gravel and<br>Sand. | Not reported | Max:<br>Min:                | Max: Min:          |
| 2     | 1 inches               | 14 inches | loamy sand             | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Stone<br>Fragments,<br>Gravel and<br>Sand. | Not reported | Max:<br>Min:                | Max: Min:          |
| 3     | 14 inches              | 24 inches | unweathered<br>bedrock | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Stone<br>Fragments,<br>Gravel and<br>Sand. | Not reported | Max:<br>Min:                | Max: Min:          |

Soil Map ID: 2

Soil Component Name: Deskamp

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

> 0 inches

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Depth to Watertable Min:

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 81 inches

**Soil Layer Information** Saturated **Boundary** Classification hydraulic conductivity **Soil Reaction** Layer Upper Lower Soil Texture Class **AASHTO Group Unified Soil** micro m/sec (pH) 1 0 inches 9 inches loamy sand Granular Not reported Max: Max: Min: materials (35 Min: pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. 2 16 inches Max: Max: Min: 9 inches loamy sand Granular Not reported materials (35 Min: pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. 3 16 inches 31 inches gravelly loamy Granular Not reported Max: Max: Min: sand materials (35 Min: pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. 4 31 inches 42 inches unweathered Granular Not reported Max: Max: Min: bedrock materials (35 Min: pct, or less passing No. 200), Silty, or Clayey Gravel and Sand.

# **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

## FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID         | LOCATION<br>FROM TP |
|--------|-----------------|---------------------|
|        | USGS40000988752 | 1/8 - 1/4 Mile West |
| B4     | USGS40000988787 | 1/2 - 1 Mile NNE    |
| C6     | USGS40000988753 | 1/2 - 1 Mile East   |
|        |                 |                     |

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

No PWS System Found

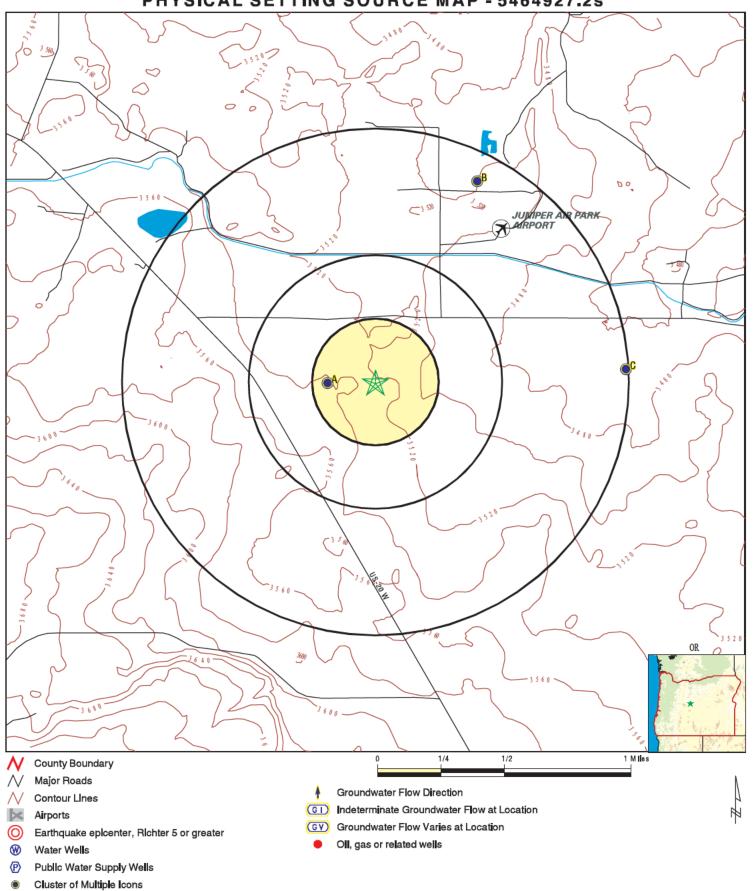
Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID         | FROM TP             |
|--------|-----------------|---------------------|
| A2     | ORW600000009491 | 1/8 - 1/4 Mile West |
| B3     | ORW60000010478  | 1/2 - 1 Mile NNE    |
| C5     | ORW60000009469  | 1/2 - 1 Mile East   |

**LOCATION** 

# PHYSICAL SETTING SOURCE MAP - 5464927.2s



SITE NAME: Bend COTEF ADDRESS: 23861 Dodds Road Bend OR 97701 LAT/LONG: 44.025796 / 121.128308

CLIENT: AECOM CONTACT: Brittany Kirchmann

INQUIRY #: 5464927.2s

DATE: October 25, 2018 11:42 am

## **GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

A1 West 1/8 - 1/4 Mile Higher

Aquifer Type:

Well Hole Depth:

Well Depth:

USGS40000988752

**USGS Oregon Water Science Center** 

**FED USGS** 

Well

17070301

Not Reported

Organization ID: **USGS-OR** Monitor Location: 18S/13E-11DAA Description: Not Reported Drainage Area: Not Reported Contrib Drainage Area: Not Reported Aquifer: Not Reported

Contrib Drainage Area Unts: Not Reported Formation Type: Not Reported Not Reported Construction Date: 19850110 Well Depth Units: ft 911 913 Well Hole Depth Units: ft

Type:

HUC:

Last Update:

Last Update:

Organization Name:

Drainage Area Units:

Ground water levels, Number of Measurements: Feet below surface: 757.00 Not Reported Note:

1985-01-10 Level reading date: Feet to sea level: Not Reported

1

West 1/8 - 1/4 Mile Higher

**OR WELLS** ORW60000009491

ORW60000010478

01/06/2008

**OR WELLS** 

01/06/2008

Well Log ID:

**DESC 5715** Well Tag:

0

State Obs Well #: Observation Well: Not Reported Recorder Well:

Not Reported

Obs Well Flag: Not Reported Surface Elevation: 3549

NNE 1/2 - 1 Mile Lower

DESC 5701 Well Log ID:

Well Tag: State Obs Well #: 0 0

Not Reported Observation Well: Recorder Well: Not Reported

Obs Well Flag: Not Reported Surface Elevation: 3495

NNE 1/2 - 1 Mile Lower

**FED USGS** USGS40000988787

Organization ID: Organization Name: USGS-OR USGS Oregon Water Science Center Monitor Location: 18S/13E-01CCD Type: Well Description: Not Reported HUC: 17070301

Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19790312 900 Well Depth Units: ft

Well Depth: Well Hole Depth: Well Hole Depth Units: 902 ft

# **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number C5

East

1/2 - 1 Mile Lower

Well Log ID: DESC 1265 Last Update: 01/06/2008

Well Tag: 0 State Obs Well #:

Observation Well: Not Reported Recorder Well: Not Reported

Obs Well Flag: Not Reported Surface Elevation: 3458

C6 East

East 1/2 - 1 Mile Lower

Organization ID: USGS-OR Organization Name: USGS Oregon Water Science Center

Monitor Location: 18S/13E-12DBD Type: HUC: Description: Not Reported 17070301 Drainage Area Units: Drainage Area: Not Reported Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Formation Type: Aquifer: Not Reported Not Reported Aquifer Type: Not Reported Construction Date: 19920313

Well Depth: 775 Well Hole Depth Units: ft
Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1 Level reading date: 1992-03-13 Feet below surface: 670.00 Feet to sea level: Not Reported

Note: Not Reported

**OR WELLS** 

**FED USGS** 

ORW60000009469

USGS40000988753

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

| Zipcode | Num Tests | Maximum | Minimum | Average | # > 4 pCi/L |
|---------|-----------|---------|---------|---------|-------------|
|         |           |         |         |         |             |
| 97701   | 30        | 1.3     | 0.1     | 0.5     | 0           |

Federal EPA Radon Zone for DESCHUTES 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 DESCHUTES COUNTY, OR

Number of sites tested: 11

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L

Living Area 0.820 pCi/L 100% 0% 0%

Basement Not Reported Not Reported Not Reported Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

#### **HYDROLOGIC INFORMATION**

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Data Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

## HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> 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 Data

Source: Department of Water Resources

Telephone: 503-986-0843

#### OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: Department of Geology and Mineral Industries

Telephone: 971-673-1540

A listing of oil and gas well locations in the state.

#### **RADON**

State Database: OR Radon Source: Oregon Health Services Telephone: 503-731-4272 Radon Levels in Orgeon

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### **OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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**Bend COTEF** 23861 Dodds Road Bend, OR 97701

Inquiry Number: 5464927.2s

October 25, 2018

# **EDR Summary Radius Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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

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# **EXECUTIVE SUMMARY**

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## TARGET PROPERTY INFORMATION

#### **ADDRESS**

23861 DODDS ROAD BEND, OR 97701

## **COORDINATES**

Latitude (North): 44.0257960 - 44° 1' 32.86" Longitude (West): 121.1283080 - 121° 7' 41.90"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 650001.5 UTM Y (Meters): 4876225.0

Elevation: 3521 ft. above sea level

# USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP

Source: U.S. Geological Survey

Target Property: NE

Source: U.S. Geological Survey

## **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20140605 Source: USDA

# MAPPED SITES SUMMARY

Target Property Address: 23861 DODDS ROAD BEND, OR 97701

Click on Map ID to see full detail.

| MAP |                      |                |                       | RELATIVE  | DIST (ft. & mi.) |
|-----|----------------------|----------------|-----------------------|-----------|------------------|
| ID  | SITE NAME            | ADDRESS        | DATABASE ACRONYMS     | ELEVATION | DIRECTION        |
| A1  | US ARMY COTEF        | 23861 DODDS RD | UST                   |           | TP               |
| A2  | OREGON ARMY NATIONAL | 23861 DODDS RD | AST, HSIS, NPDES, UIC |           | TP               |
| A3  | OREGON YOUTH CHALLEN | 23861 DODDS RD | FINDS, ECHO           |           | TP               |

# **EXECUTIVE SUMMARY**

# TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

| Site  | Database(s)  | EPA ID |
|---|--|--------|
| US ARMY COTEF<br>23861 DODDS RD<br>BEND, OR 97701 | UST<br>Facility ID: 7795                                     | N/A    |
| OREGON ARMY NATIONAL<br>23861 DODDS RD            | AST<br>Facility Id: 044137                                   | N/A    |
| BEND, OR 97701                                    | HSIS<br>Facility Id: 044137                                  |        |
|   | NPDES<br>WQ File Nbr: 113931                                 |        |
|   | UIC<br>Facility Status: Registered & RA<br>UIC Number: 11694 |        |
| OREGON YOUTH CHALLEN<br>23861 DODDS RD            | FINDS<br>Registry ID:: 110036106683                          | N/A    |
| BEND, OR 97701                                    | ECHO<br>Registry ID: 110036106683                            |        |

# SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

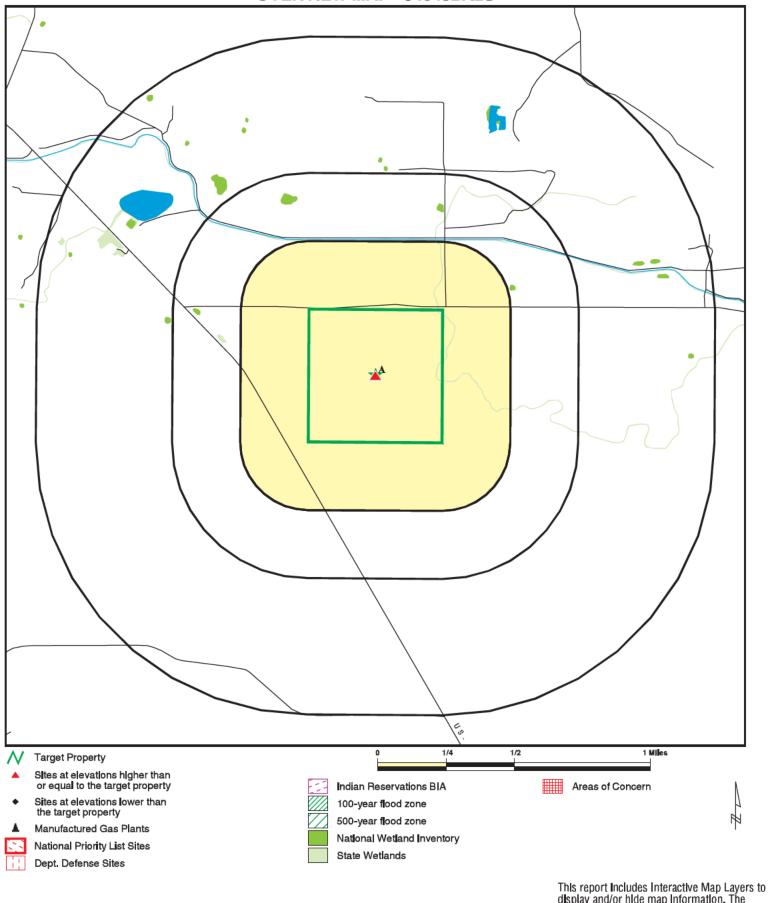
Unmappable (orphan) sites are not considered in the foregoing analysis.

| Database(s)  |  |
|--------------|--|
| Zip          |  |
| Site Address |  |
| Site Name    |  |
| EDR ID       |  |
| City         |  |

ORPHAN SUMMARY

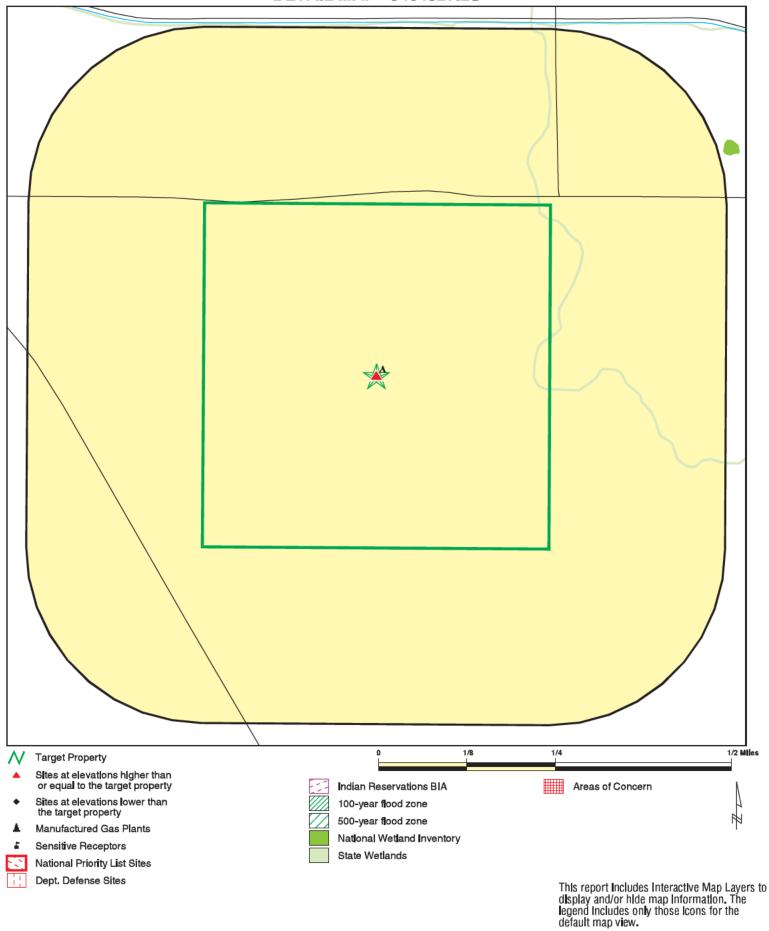
Count: 0 records.

# **OVERVIEW MAP - 5464927.2S**



This report includes interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

#### **DETAIL MAP - 5464927.2S**



LAT/LONG: 44.025796 / 121.128308 DATE: October 25, 2018 11:41 am

SITE NAME: Bend COTEF

23861 Dodds Road Bend OR 97701

ADDRESS:

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CLIENT: AECOM CONTACT: Brittany Kirchmann **AECOM** 

INQUIRY #: 5464927.2s

| Database  | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8        | 1/8 - 1/4    | 1/4 - 1/2      | 1/2 - 1        | > 1            | Total<br>Plotted |  |
|---|-------------------------------|--------------------|--------------|--------------|----------------|----------------|----------------|------------------|--|
| STANDARD ENVIRONMENTAL RECORDS                        |                               |                    |              |              |                |                |                |                  |  |
| Federal NPL site list                                 |                               |                    |              |              |                |                |                |                  |  |
| NPL<br>Proposed NPL<br>NPL LIENS                      | 1.000<br>1.000<br>TP          |                    | 0<br>0<br>NR | 0<br>0<br>NR | 0<br>0<br>NR   | 0<br>0<br>NR   | NR<br>NR<br>NR | 0<br>0<br>0      |  |
| Federal Delisted NPL sit                              | te list                       |                    |              |              |                |                |                |                  |  |
| Delisted NPL  | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |  |
| Federal CERCLIS list                                  |                               |                    |              |              |                |                |                |                  |  |
| FEDERAL FACILITY<br>SEMS                              | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |  |
| Federal CERCLIS NFRA                                  | P site list                   |                    |              |              |                |                |                |                  |  |
| SEMS-ARCHIVE  | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |  |
| Federal RCRA CORRAC                                   | TS facilities lis             | t                  |              |              |                |                |                |                  |  |
| CORRACTS  | 1.000                         |                    | 0            | 0            | 0              | 0              | NR             | 0                |  |
| Federal RCRA non-COR                                  | RACTS TSD fa                  | cilities list      |              |              |                |                |                |                  |  |
| RCRA-TSDF   | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |  |
| Federal RCRA generator                                | rs list                       |                    |              |              |                |                |                |                  |  |
| RCRA-LQG<br>RCRA-SQG<br>RCRA-CESQG                    | 0.250<br>0.250<br>0.250       |                    | 0<br>0<br>0  | 0<br>0<br>0  | NR<br>NR<br>NR | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |  |
| Federal institutional con engineering controls re     |                               |                    |              |              |                |                |                |                  |  |
| LUCIS<br>US ENG CONTROLS<br>US INST CONTROL           | 0.500<br>0.500<br>0.500       |                    | 0<br>0<br>0  | 0<br>0<br>0  | 0<br>0<br>0    | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |  |
| Federal ERNS list                                     |                               |                    |              |              |                |                |                |                  |  |
| ERNS  | TP                            |                    | NR           | NR           | NR             | NR             | NR             | 0                |  |
| State- and tribal - equiva                            | alent CERCLIS                 |                    |              |              |                |                |                |                  |  |
| ECSI<br>CRL   | 1.000<br>1.000                |                    | 0<br>0       | 0<br>0       | 0<br>0         | 0<br>0         | NR<br>NR       | 0<br>0           |  |
| State and tribal landfill a solid waste disposal site |                               |                    |              |              |                |                |                |                  |  |
| SWF/LF  | 0.500                         |                    | 0            | 0            | 0              | NR             | NR             | 0                |  |
| State and tribal leaking                              | storage tank lis              | sts                |              |              |                |                |                |                  |  |
| LUST<br>INDIAN LUST                                   | 0.500<br>0.500                |                    | 0<br>0       | 0<br>0       | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |  |
| State and tribal registere                            | ed storage tank               | k lists            |              |              |                |                |                |                  |  |
| FEMA UST  | 0.250                         |                    | 0            | 0            | NR             | NR             | NR             | 0                |  |

| Database   | Search<br>Distance<br>(Miles)                      | Target<br>Property | < 1/8                 | 1/8 - 1/4             | 1/4 - 1/2             | 1/2 - 1                    | > 1                        | Total<br>Plotted      |
|--|--|--------------------|-----------------------|-----------------------|-----------------------|----------------------------|----------------------------|-----------------------|
| UST<br>AST<br>INDIAN UST   | 0.250<br>0.250<br>0.250                            | 1                  | 0<br>0<br>0           | 0<br>0<br>0           | NR<br>NR<br>NR        | NR<br>NR<br>NR             | NR<br>NR<br>NR             | 1<br>1<br>0           |
| State and tribal institution control / engineering con                     |  | s                  |                       |                       |                       |                            |                            |                       |
| ENG CONTROLS<br>INST CONTROL   | 0.500<br>0.500                                     |                    | 0<br>0                | 0<br>0                | 0<br>0                | NR<br>NR                   | NR<br>NR                   | 0<br>0                |
| State and tribal voluntary   | cleanup site                                       | es                 |                       |                       |                       |                            |                            |                       |
| INDIAN VCP<br>VCP  | 0.500<br>0.500                                     |                    | 0<br>0                | 0<br>0                | 0<br>0                | NR<br>NR                   | NR<br>NR                   | 0<br>0                |
| State and tribal Brownfie  | 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                     | 0                     | NR                         | NR                         | 0                     |
| Local Lists of Landfill / S<br>Waste Disposal Sites                        | olid   |                    |                       |                       |                       |                            |                            |                       |
| HIST LF<br>SWRCY<br>INDIAN ODI<br>ODI<br>DEBRIS REGION 9<br>IHS OPEN DUMPS | 0.500<br>0.500<br>0.500<br>0.500<br>0.500<br>0.500 |                    | 0<br>0<br>0<br>0<br>0 | 0<br>0<br>0<br>0<br>0 | 0<br>0<br>0<br>0<br>0 | NR<br>NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR<br>NR | 0<br>0<br>0<br>0<br>0 |
| Local Lists of Hazardous<br>Contaminated Sites                             | waste/   |                    |                       |                       |                       |                            |                            |                       |
| US HIST CDL<br>AOCONCERN<br>CDL<br>US CDL                                  | TP<br>1.000<br>TP<br>TP                            |                    | NR<br>0<br>NR<br>NR   | NR<br>0<br>NR<br>NR   | NR<br>0<br>NR<br>NR   | NR<br>0<br>NR<br>NR        | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0           |
| Local Land Records   |  |                    |                       |                       |                       |                            |                            |                       |
| LIENS 2  | TP   |                    | NR                    | NR                    | NR                    | NR                         | NR                         | 0                     |
| Records of Emergency R   | elease Repo  | rts                |                       |                       |                       |                            |                            |                       |
| HMIRS<br>SPILLS<br>OR HAZMAT<br>SPILLS 90                                  | TP<br>TP<br>TP<br>TP                               |                    | NR<br>NR<br>NR<br>NR  | NR<br>NR<br>NR<br>NR  | NR<br>NR<br>NR<br>NR  | NR<br>NR<br>NR<br>NR       | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0<br>0      |
| Other Ascertainable Reco   | ords   |                    |                       |                       |                       |                            |                            |                       |
| RCRA NonGen / NLR<br>FUDS<br>DOD   | 0.250<br>1.000<br>1.000                            |                    | 0<br>0<br>0           | 0<br>0<br>0           | NR<br>0<br>0          | NR<br>0<br>0               | NR<br>NR<br>NR             | 0<br>0<br>0           |

| Database                | Search<br>Distance<br>(Miles)    | Target<br>Property | < 1/8  | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1      | Total<br>Plotted |
|-------------------------|----------------------------------|--------------------|--------|-----------|-----------|---------|----------|------------------|
| SCRD DRYCLEANERS        | 0.500                            |                    | 0      | 0         | 0         | NR      | NR       | 0                |
| US FIN ASSUR            | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| EPA WATCH LIST          | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| 2020 COR ACTION         | 0.250                            |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| TSCA                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | Ö                |
| TRIS                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | Ō                |
| SSTS                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | Ö                |
| ROD                     | 1.000                            |                    | 0      | 0         | 0         | 0       | NR       | Ö                |
| RMP                     | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| RAATS                   | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| PRP                     | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| PADS                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| ICIS                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| FTTS                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| MLTS                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| COAL ASH DOE            | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| COAL ASH EPA            | 0.500                            |                    | 0      | 0         | 0         | NR      | NR       | 0                |
| PCB TRANSFORMER         | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| RADINFO                 | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| HIST FTTS               | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| DOT OPS                 | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| CONSENT                 | 1.000                            |                    | 0      | 0         | 0         | 0       | NR       | 0                |
| INDIAN RESERV<br>FUSRAP | 1.000                            |                    | 0      | 0         | 0         | 0       | NR       | 0                |
| UMTRA                   | 1.000<br>0.500                   |                    | 0<br>0 | 0<br>0    | 0<br>0    | 0<br>NR | NR<br>NR | 0<br>0           |
| LEAD SMELTERS           | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| US AIRS                 | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| US MINES                | 0.250                            |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| ABANDONED MINES         | 0.250                            |                    | Ö      | ő         | NR        | NR      | NR       | 0                |
| FINDS                   | TP                               | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| ECHO                    | TP                               | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| UXO                     | 1.000                            | •                  | 0      | 0         | 0         | 0       | NR       | 0                |
| DOCKET HWC              | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| FUELS PROGRAM           | 0.250                            |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| AIRS                    | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| COAL ASH                | 0.500                            |                    | 0      | 0         | 0         | NR      | NR       | 0                |
| DRYCLEANERS             | 0.250                            |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| Enforcement             | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| Financial Assurance     | TP                               |                    | NR     | NR        | NR        | NR      | NR       | 0                |
| HSIS                    | TP                               | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| MANIFEST                | 0.250                            |                    | 0      | 0         | NR        | NR      | NR       | 0                |
| NPDES                   | TP                               | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| UIC                     | TP                               | 1                  | NR     | NR        | NR        | NR      | NR       | 1                |
| EDR HIGH RISK HISTORICA | EDR HIGH RISK HISTORICAL RECORDS |                    |        |           |           |         |          |                  |
| EDR Exclusive 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                            |                    | 0      | NR        | NR        | NR      | NR       | 0                |
|                         |                                  |                    |        |           |           |         |          |                  |

| Database                          | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total<br>Plotted |
|-----------------------------------|-------------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| EDR RECOVERED GOVERNMENT ARCHIVES |                               |                    |       |           |           |         |     |                  |
| Exclusive Recovere                | d Govt. Archives              |                    |       |           |           |         |     |                  |
| RGA HWS                           | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| RGA LF                            | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| RGA LUST                          | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
|                                   |                               |                    |       |           |           |         |     |                  |
| - Totals                          |                               | 7                  | 0     | 0         | 0         | 0       | 0   | 7                |

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A1 US ARMY COTEF UST U000437781
Target 23861 DODDS RD N/A

Property BEND, OR 97701

Click here for full text details

Actual: 3521 ft.

UST

Facility ID: 7795

A2 OREGON ARMY NATIONAL GUARD AST S111210827
Target 23861 DODDS RD HSIS N/A

Target 23861 DODDS RD Property BEND, OR 97701

Click here for full text details

Actual: 3521 ft.

**AST** 

Facility Id: 044137

**HSIS** 

Facility Id: 044137

**NPDES** 

WQ File Nbr: 113931

UIC

UIC Number: 11694

Facility Status: Registered & RA

A3 OREGON YOUTH CHALLENGE PROGRAM SCHOOL FINDS 1011474665
Target 23861 DODDS RD ECHO N/A

Target 23861 DODDS RD Property BEND, OR 97701

Click here for full text details

Actual: 3521 ft.

**FINDS** 

Registry ID:: 110036106683

**ECHO** 

Registry ID: 110036106683

NPDES UIC

| St | Acronym               | Full Name  | Government Agency                             | Gov Date   | Arvl. Date | Active Date |
|----|-----------------------|--|---|------------|------------|-------------|
| OR | AIRS                  | Oregon Title V Facility Listing                              | Department of Environmental Quality           | 07/03/2018 | 07/10/2018 | 08/17/2018  |
| OR | AOC COL               | Columbia Slough  | City of Portland Environmental Services       | 08/10/2005 | 05/17/2006 | 06/16/2006  |
| OR | AOC MU                | East Multnomah County Area                                   | City of Portland Environmental Services       |            | 10/07/2002 | 10/22/2002  |
| OR | AST                   | Aboveground Storage Tanks                                    | Office of State Fire Marshal                  | 09/05/2017 | 11/16/2017 | 01/09/2018  |
| OR | BROWNFIELDS           | Brownfields Projects   | Department of Environmental Quality           | 08/01/2018 | 08/10/2018 | 09/24/2018  |
| OR | CDL                   | Uninhabitable Drug Lab Properties                            | Department of Consumer & Business Services    | 09/21/2018 | 09/25/2018 | 10/22/2018  |
| OR | CDL 2                 | Clandestine Drug Lab Site Listing                            | Oregon State Police                           | 07/01/2018 | 08/01/2018 | 08/15/2018  |
| OR | COAL ASH              | Coal Ash Disposal Sites Listing                              | Department of Environmental Quality           | 12/31/2017 | 03/16/2018 | 05/15/2018  |
| OR | CRL                   | Confirmed Release List and Inventory                         | Department of Environmental Quality           | 08/01/2018 | 08/10/2018 | 09/24/2018  |
| OR | DRYCLEANERS           | Drycleaning Facilities                                       | Department of Environmental Quality           | 07/27/2018 | 07/31/2018 | 08/15/2018  |
| OR | ECSI                  | Environmental Cleanup Site Information System                | Department of Environmental Quality           | 10/01/2018 | 10/03/2018 | 10/23/2018  |
| OR | ENF                   | Enforcement Action Listing                                   | Department of Environmental Quality           | 09/18/2018 | 09/19/2018 | 10/23/2018  |
| OR | ENG CONTROLS          | Engineering Controls Recorded at ESCI Sites                  | Department of Environmental Quality           | 10/01/2018 | 10/03/2018 | 10/23/2018  |
| OR | Financial Assurance 1 | Financial Assurance Information Listing                      | Department of Environmental Quality           | 05/21/2018 | 06/21/2018 | 07/23/2018  |
| OR | Financial Assurance 2 | Financial Assurance Information Listing                      | Department of Environmental Quality           | 08/20/2018 | 08/21/2018 | 09/24/2018  |
| _  | HAZMAT                | Hazmat/Incidents   | State Fire Marshal's Office                   | 07/01/2018 | 08/01/2018 | 08/15/2018  |
| OR | HIST LF               | Old Closed SW Disposal Sites                                 | Department of Environmental Quality           | 04/01/2000 | 07/08/2003 | 07/18/2003  |
|    | HSIS                  | Hazardous Substance Information Survey                       | State Fire Marshal's Office                   | 05/03/2018 | 05/03/2018 | 06/07/2018  |
| OR | INST CONTROL          | Institutional Controls Recorded at ESCI Sites                | Department of Environmental Quality           | 10/01/2018 | 10/03/2018 | 10/23/2018  |
| OR | LUST                  | Leaking Underground Storage Tank Database                    | Department of Environmental Quality           | 07/02/2018 | 08/10/2018 | 09/24/2018  |
| OR | NPDES                 | Wastewater Permits Database                                  | Department of Environmental Quality           | 09/20/2018 | 09/20/2018 | 10/22/2018  |
| _  | OR MANIFEST           | Manifest Information   | Department of Environmental Quality           | 12/31/2017 | 08/06/2018 | 08/15/2018  |
| OR | RGA HWS               | Recovered Government Archive State Hazardous Waste Facilitie | Department of Environmental Quality           |            | 07/01/2013 | 01/03/2014  |
| OR | RGA LF                | Recovered Government Archive Solid Waste Facilities List     | Department of Environmental Quality           |            | 07/01/2013 | 01/13/2014  |
| OR | RGA LUST              | Recovered Government Archive Leaking Underground Storage Tan | Department of Environmental Quality           |            | 07/01/2013 | 12/27/2013  |
| OR | SPILLS                | Spill Data   | Department of Environmental Quality           | 10/01/2018 | 10/02/2018 | 10/23/2018  |
| OR | SPILLS 90             | SPILLS90 data from FirstSearch                               | FirstSearch                                   | 05/01/2006 | 01/03/2013 | 02/22/2013  |
|    | SWF/LF                | Solid Waste Facilities List                                  | Department of Environmental Quality           | 07/16/2018 | 07/20/2018 | 08/20/2018  |
| OR | SWRCY                 | Recycling Facility Location Listing                          | Department of Environmental Quality           | 08/28/2018 | 08/29/2018 | 09/24/2018  |
| OR | UIC                   | Underground Injection Control Program Database               | Department of Environmental Quality           | 09/25/2018 | 09/27/2018 | 10/23/2018  |
| OR | UST                   | Underground Storage Tank Database                            | Department of Environmental Quality           | 07/02/2018 | 08/10/2018 | 09/24/2018  |
| OR | VCS                   | Voluntary Cleanup Program Sites                              | DEQ   | 06/29/2018 | 07/03/2018 | 07/23/2018  |
| US | 2020 COR ACTION       | 2020 Corrective Action Program List                          | Environmental Protection Agency               | 09/30/2017 | 05/08/2018 | 07/20/2018  |
| US | ABANDONED MINES       | Abandoned Mines  | Department of Interior                        | 09/10/2018 | 09/11/2018 | 09/14/2018  |
| US | BRS                   | Biennial Reporting System                                    | EPA/NTIS                                      | 12/31/2015 | 02/22/2017 | 09/28/2017  |
| US | COAL ASH DOE          | Steam-Electric Plant Operation Data                          | Department of Energy                          | 12/31/2005 | 08/07/2009 | 10/22/2009  |
| US | COAL ASH EPA          | Coal Combustion Residues Surface Impoundments List           | Environmental Protection Agency               | 07/01/2014 | 09/10/2014 | 10/20/2014  |
| US | CONSENT               | Superfund (CERCLA) Consent Decrees                           | Department of Justice, Consent Decree Library | 06/30/2018 | 07/17/2018 | 10/05/2018  |
| US | CORRACTS              | Corrective Action Report                                     | EPA   | 03/01/2018 | 03/28/2018 | 06/22/2018  |
| US | DEBRIS REGION 9       | Torres Martinez Reservation Illegal Dump Site Locations      | EPA, Region 9                                 | 01/12/2009 | 05/07/2009 | 09/21/2009  |
| US | DOCKET HWC            | Hazardous Waste Compliance Docket Listing                    | Environmental Protection Agency               | 05/31/2018 | 07/26/2018 | 10/05/2018  |
| US | DOD                   | Department of Defense Sites                                  | USGS  | 12/31/2005 | 11/10/2006 | 01/11/2007  |
| US | DOT OPS               | Incident and Accident Data                                   | Department of Transporation, Office of Pipeli | 07/31/2012 | 08/07/2012 | 09/18/2012  |
| US | Delisted NPL          | National Priority List Deletions                             | EPA   | 07/17/2018 | 08/09/2018 | 09/07/2018  |
| US | ECHO                  | Enforcement & Compliance History Information                 | Environmental Protection Agency               | 09/02/2018 | 09/05/2018 | 09/14/2018  |
| US | EDR Hist Auto         | EDR Exclusive Historical Auto Stations                       | EDR, Inc.                                     |            |            |             |
| US | EDR Hist Cleaner      | EDR Exclusive Historical Cleaners                            | EDR, Inc.                                     |            |            |             |
|    |                       |  |   |            |            |             |

| St | Acronym           | Full Name  | Government Agency                             | Gov Date   | Arvl. Date | Active Date |
|----|-------------------|--|---|------------|------------|-------------|
| US | EDR MGP           | EDR Proprietary Manufactured Gas Plants                      | EDR. Inc.                                     |            |            |             |
| US | EPA WATCH LIST    | EPA WATCH LIST   | Environmental Protection Agency               | 08/30/2013 | 03/21/2014 | 06/17/2014  |
| US | ERNS              | Emergency Response Notification System                       | National Response Center, United States Coast | 06/18/2018 | 06/27/2018 | 09/14/2018  |
| US | FEDERAL FACILITY  | Federal Facility Site Information listing                    | Environmental Protection Agency               | 11/07/2016 | 01/05/2017 | 04/07/2017  |
| US | FEDLAND           | Federal and Indian Lands                                     | U.S. Geological Survey                        | 12/31/2005 | 02/06/2006 | 01/11/2007  |
| US | FEMA UST          | Underground Storage Tank Listing                             | FEMA  | 05/15/2017 | 05/30/2017 | 10/13/2017  |
| US | FINDS             | Facility Index System/Facility Registry System               | EPA   | 08/07/2018 | 09/05/2018 | 10/05/2017  |
| US | FTTS              | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu | EPA/Office of Prevention, Pesticides and Toxi | 04/09/2009 | 04/16/2009 | 05/11/2009  |
| US | FTTS INSP         | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu | EPA   | 04/09/2009 | 04/16/2009 | 05/11/2009  |
| US | FUDS              | Formerly Used Defense Sites                                  | U.S. Army Corps of Engineers                  | 01/31/2015 | 07/08/2015 | 10/13/2015  |
| US | FUELS PROGRAM     | EPA Fuels Program Registered Listing                         | EPA   | 08/22/2018 | 08/22/2018 | 10/15/2013  |
| US | FUSRAP            | Formerly Utilized Sites Remedial Action Program              | <del></del>                                   | 08/08/2017 | 09/11/2018 | 09/14/2018  |
|    | HIST FTTS         | FIFRA/TSCA Tracking System Administrative Case Listing       | Department of Energy                          |            | 03/01/2007 |             |
| US |                   |  | Environmental Protection Agency               | 10/19/2006 |            | 04/10/2007  |
| US | HIST FTTS INSP    | FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis | Environmental Protection Agency               | 10/19/2006 | 03/01/2007 | 04/10/2007  |
| US | HMIRS             | Hazardous Materials Information Reporting System             | U.S. Department of Transportation             | 03/26/2018 | 03/27/2018 | 06/08/2018  |
| US | ICIS              | Integrated Compliance Information System                     | Environmental Protection Agency               | 11/18/2016 | 11/23/2016 | 02/10/2017  |
| US | IHS OPEN DUMPS    | Open Dumps on Indian Land                                    | Department of Health & Human Serivces, Indian | 04/01/2014 | 08/06/2014 | 01/29/2015  |
| US | INDIAN LUST R1    | Leaking Underground Storage Tanks on Indian Land             | EPA Region 1                                  | 04/13/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN LUST R10   | Leaking Underground Storage Tanks on Indian Land             | EPA Region 10                                 | 04/12/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN LUST R4    | Leaking Underground Storage Tanks on Indian Land             | EPA Region 4                                  | 05/08/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN LUST R5    | Leaking Underground Storage Tanks on Indian Land             | EPA, Region 5                                 | 04/12/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN LUST R6    | Leaking Underground Storage Tanks on Indian Land             | EPA Region 6                                  | 04/01/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN LUST R7    | Leaking Underground Storage Tanks on Indian Land             | EPA Region 7                                  | 04/24/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN LUST R8    | Leaking Underground Storage Tanks on Indian Land             | EPA Region 8                                  | 04/25/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN LUST R9    | Leaking Underground Storage Tanks on Indian Land             | Environmental Protection Agency               | 04/10/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN ODI        | Report on the Status of Open Dumps on Indian Lands           | Environmental Protection Agency               | 12/31/1998 | 12/03/2007 | 01/24/2008  |
| US | INDIAN RESERV     | Indian Reservations  | USGS  | 12/31/2014 | 07/14/2015 | 01/10/2017  |
| US | INDIAN UST R1     | Underground Storage Tanks on Indian Land                     | EPA, Region 1                                 | 04/13/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN UST R10    | Underground Storage Tanks on Indian Land                     | EPA Region 10                                 | 04/12/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN UST R4     | Underground Storage Tanks on Indian Land                     | EPA Region 4                                  | 05/08/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN UST R5     | Underground Storage Tanks on Indian Land                     | EPA Region 5                                  | 04/12/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN UST R6     | Underground Storage Tanks on Indian Land                     | EPA Region 6                                  | 04/01/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN UST R7     | Underground Storage Tanks on Indian Land                     | EPA Region 7                                  | 04/24/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN UST R8     | Underground Storage Tanks on Indian Land                     | EPA Region 8                                  | 04/25/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN UST R9     | Underground Storage Tanks on Indian Land                     | EPA Region 9                                  | 04/10/2018 | 05/18/2018 | 07/20/2018  |
| US | INDIAN VCP R1     | Voluntary Cleanup Priority Listing                           | EPA, Region 1                                 | 07/27/2015 | 09/29/2015 | 02/18/2016  |
| US | INDIAN VCP R7     | Voluntary Cleanup Priority Lisitng                           | EPA, Region 7                                 | 03/20/2008 | 04/22/2008 | 05/19/2008  |
| US | LEAD SMELTER 1    | Lead Smelter Sites   | Environmental Protection Agency               | 07/17/2018 | 08/09/2018 | 10/05/2018  |
| US | LEAD SMELTER 2    | Lead Smelter Sites   | American Journal of Public Health             | 04/05/2001 | 10/27/2010 | 12/02/2010  |
| US | LIENS 2           | CERCLA Lien Information                                      | Environmental Protection Agency               | 07/17/2018 | 08/09/2018 | 10/05/2018  |
| US | LUCIS             | Land Use Control Information System                          | Department of the Navy                        | 05/14/2018 | 05/18/2018 | 07/20/2018  |
| US | MLTS              | Material Licensing Tracking System                           | Nuclear Regulatory Commission                 | 08/30/2016 | 09/08/2016 | 10/21/2016  |
| US | NPL               | National Priority List                                       | EPA   | 07/17/2018 | 08/09/2018 | 09/07/2018  |
| US | NPL LIENS         | Federal Superfund Liens                                      | EPA   | 10/15/1991 | 02/02/1994 | 03/30/1994  |
| US | ODI               | Open Dump Inventory  | Environmental Protection Agency               | 06/30/1985 | 08/09/2004 | 09/17/2004  |
| US | PADS              | PCB Activity Database System                                 | EPA   | 06/01/2017 | 06/09/2004 | 10/13/2017  |
|    | PCB TRANSFORMER   | PCB Transformer Registration Database                        | Environmental Protection Agency               |            | 11/30/2017 |             |
| 03 | I OD TRANSI ORWER | 1 OD Transionner Negistration Database                       | Environmental Frotection Agency               | 03/24/2017 | 11/30/2017 | 12/13/2017  |

| St  | Acronym           | Full Name  | Government Agency                             | Gov Date   | Arvl. Date | Active Date |
|-----|-------------------|--|---|------------|------------|-------------|
| US  | PRP               | Potentially Responsible Parties                              | EPA   | 10/25/2013 | 10/17/2014 | 10/20/2014  |
| US  | Proposed NPL      | Proposed National Priority List Sites                        | EPA   | 07/17/2018 | 08/09/2018 | 09/07/2018  |
| US  | RAATS             | RCRA Administrative Action Tracking System                   | EPA   | 04/17/1995 | 07/03/1995 | 08/07/1995  |
| US  | RADINFO           | Radiation Information Database                               | Environmental Protection Agency               | 07/02/2018 | 07/05/2018 | 10/05/2018  |
| US  | RCRA NonGen / NLR | RCRA - Non Generators / No Longer Regulated                  | Environmental Protection Agency               | 03/01/2018 | 03/28/2018 | 06/22/2018  |
| US  | RCRA-CESQG        | RCRA - Conditionally Exempt Small Quantity Generators        | Environmental Protection Agency               | 03/01/2018 | 03/28/2018 | 06/22/2018  |
| US  | RCRA-LQG          | RCRA - Large Quantity Generators                             | Environmental Protection Agency               | 03/01/2018 | 03/28/2018 | 06/22/2018  |
| US  | RCRA-SQG          | RCRA - Small Quantity Generators                             | Environmental Protection Agency               | 03/01/2018 | 03/28/2018 | 06/22/2018  |
| US  | RCRA-TSDF         | RCRA - Treatment, Storage and Disposal                       | Environmental Protection Agency               | 03/01/2018 | 03/28/2018 | 06/22/2018  |
| US  | RMP               | Risk Management Plans  | Environmental Protection Agency               | 08/01/2018 | 08/22/2018 | 10/05/2018  |
| US  | ROD               | Records Of Decision  | EPA   | 07/17/2018 | 08/09/2018 | 10/05/2018  |
| US  | SCRD DRYCLEANERS  | State Coalition for Remediation of Drycleaners Listing       | Environmental Protection Agency               | 01/01/2017 | 02/03/2017 | 04/07/2017  |
| US  | SEMS              | Superfund Enterprise Management System                       | EPA   | 07/17/2018 | 08/09/2018 | 09/07/2018  |
| US  | SEMS-ARCHIVE      | Superfund Enterprise Management System Archive               | EPA   | 07/17/2018 | 08/09/2018 | 09/07/2018  |
| US  | SSTS              | Section 7 Tracking Systems                                   | EPA   | 12/31/2009 | 12/10/2010 | 02/25/2011  |
| US  | TRIS              | Toxic Chemical Release Inventory System                      | EPA   | 12/31/2016 | 01/10/2018 | 01/12/2018  |
| US  | TSCA              | Toxic Substances Control Act                                 | EPA   | 12/31/2016 | 06/21/2017 | 01/05/2018  |
| US  | UMTRA             | Uranium Mill Tailings Sites                                  | Department of Energy                          | 06/23/2017 | 10/11/2017 | 11/03/2017  |
| US  | US AIRS (AFS)     | Aerometric Information Retrieval System Facility Subsystem ( | EPA   | 10/12/2016 | 10/26/2016 | 02/03/2017  |
| US  | US AIRS MINOR     | Air Facility System Data                                     | EPA   | 10/12/2016 | 10/26/2016 | 02/03/2017  |
| US  | US BROWNFIELDS    | A Listing of Brownfields Sites                               | Environmental Protection Agency               | 06/18/2018 | 06/20/2018 | 09/14/2018  |
| US  | US CDL            | Clandestine Drug Labs  | Drug Enforcement Administration               | 05/18/2018 | 06/20/2018 | 09/14/2018  |
| US  | US ENG CONTROLS   | Engineering Controls Sites List                              | Environmental Protection Agency               | 07/31/2018 | 08/28/2018 | 09/14/2018  |
| US  | US FIN ASSUR      | Financial Assurance Information                              | Environmental Protection Agency               | 05/31/2018 | 06/27/2018 | 10/05/2018  |
| US  | US HIST CDL       | National Clandestine Laboratory Register                     | Drug Enforcement Administration               | 05/18/2018 | 06/20/2018 | 09/14/2018  |
| US  | US INST CONTROL   | Sites with Institutional Controls                            | Environmental Protection Agency               | 07/31/2018 | 08/28/2018 | 09/14/2018  |
| US  | US MINES          | Mines Master Index File                                      | Department of Labor, Mine Safety and Health A | 08/01/2018 | 08/29/2018 | 10/05/2018  |
| US  | US MINES 2        | Ferrous and Nonferrous Metal Mines Database Listing          | USGS  | 12/05/2005 | 02/29/2008 | 04/18/2008  |
| US  | US MINES 3        | Active Mines & Mineral Plants Database Listing               | USGS  | 04/14/2011 | 06/08/2011 | 09/13/2011  |
| US  | UXO               | Unexploded Ordnance Sites                                    | Department of Defense                         | 09/30/2017 | 06/19/2018 | 09/14/2018  |
|     |                   |  |   |            |            |             |
| NY  | NY MANIFEST       | Facility and Manifest Data                                   | Department of Environmental Conservation      | 07/01/2018 | 08/01/2018 | 08/31/2018  |
| WI  | WI MANIFEST       | Manifest Information   | Department of Natural Resources               | 12/31/2017 | 06/01/2018 | 07/09/2018  |
| VVI | WI WANT EST       | Manifest information   | Department of Natural Nesources               | 12/31/2017 | 00/13/2010 | 07/09/2018  |
| US  | AHA Hospitals     | Sensitive Receptor: AHA Hospitals                            | American Hospital Association, Inc.           |            |            |             |
| US  | Medical Centers   | Sensitive Receptor: Medical Centers                          | Centers for Medicare & Medicaid Services      |            |            |             |
| US  | Nursing Homes     | Sensitive Receptor: Nursing Homes                            | National Institutes of Health                 |            |            |             |
| US  | Public Schools    | Sensitive Receptor: Public Schools                           | National Center for Education Statistics      |            |            |             |
| US  | Private Schools   | Sensitive Receptor: Private Schools                          | National Center for Education Statistics      |            |            |             |
| OR  | Daycare Centers   | Sensitive Receptor: Child Care Listings                      | Employment Department                         |            |            |             |

| St | Acronym                            | Full Name                         | Government Agency                   | Gov Date | Arvl. Date | Active Date |
|----|------------------------------------|-----------------------------------|-------------------------------------|----------|------------|-------------|
| US | Flood Zones                        | 100-year and 500-year flood zones | Emergency Management Agency (FEMA)  |          |            |             |
| US | NWI                                | National Wetlands Inventory       | U.S. Fish and Wildlife Service      |          |            |             |
| OR | State Wetlands                     | Wetlands Inventory Data           | Oregon Geospatial Enterprise Office |          |            |             |
| US | Topographic Map                    |                                   | U.S. Geological Survey              |          |            |             |
| US | Oil/Gas Pipelines                  |                                   | PennWell Corporation                |          |            |             |
| US | Electric Power Transmission Line D | ata                               | PennWell Corporation                |          |            |             |

#### STREET AND ADDRESS INFORMATION

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### **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

BEND COTEF 23861 DODDS ROAD BEND, OR 97701

#### **TARGET PROPERTY COORDINATES**

Latitude (North): 44.025796 - 44° 1' 32.87" Longitude (West): 121.128308 - 121° 7' 41.91"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 650001.5 UTM Y (Meters): 4876225.0

Elevation: 3521 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 6067428 BEND AIRPORT, OR

Version Date: 2014

Northeast Map: 6067424 ALFALFA, OR

Version Date: 2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

#### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

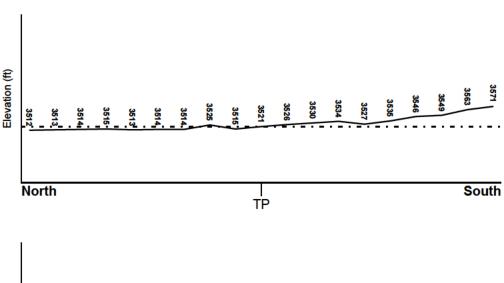
#### TOPOGRAPHIC INFORMATION

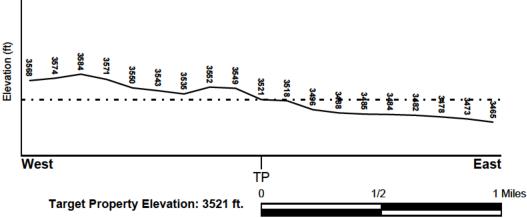
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





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.

#### **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

41017C0225C FEMA Q3 Flood data

Additional Panels in search area: FEMA Source Type

41017C0725E FEMA FIRM Flood data 41017C0350C FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

BEND AIRPORT 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.

#### **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

Not Reported

#### **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: Volcanic Rocks

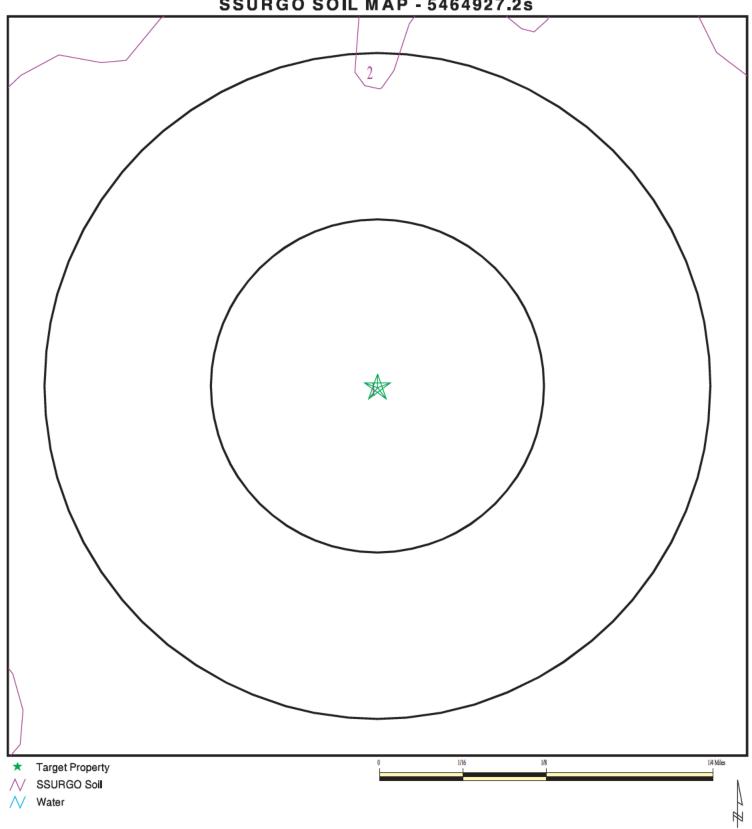
System: Quaternary

Series: Quaternary volcanic rocks

Code: Qv (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 - 5464927.2s



SITE NAME: Bend COTEF
ADDRESS: 23861 Dodds Road
Bend OR 97701
LAT/LONG: 44.025796 / 121.128308

CLIENT: AECOM
CONTACT: Brittany Kirchmann
INQUIRY #: 5464927.2s
DATE: October 25, 2018 11:42 am

#### 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: Gosney

Soil Surface Texture: stony loamy sand

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: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

|       | Soil Layer Information |           |                        |  |                     |                             |                    |  |  |  |
|-------|------------------------|-----------|------------------------|--|---------------------|-----------------------------|--------------------|--|--|--|
|       | Boundary               |           | Classi                 | fication   | Saturated hydraulic |                             |                    |  |  |  |
| Layer | Upper                  | Lower     | Soil Texture Class     | AASHTO Group   | Unified Soil        | conductivity<br>micro m/sec | Soil Reaction (pH) |  |  |  |
| 1     | 0 inches               | 1 inches  | stony loamy<br>sand    | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Stone<br>Fragments,<br>Gravel and<br>Sand. | Not reported        | Max:<br>Min:                | Max: Min:          |  |  |  |
| 2     | 1 inches               | 14 inches | loamy sand             | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Stone<br>Fragments,<br>Gravel and<br>Sand. | Not reported        | Max:<br>Min:                | Max: Min:          |  |  |  |
| 3     | 14 inches              | 24 inches | unweathered<br>bedrock | Granular<br>materials (35<br>pct. or less<br>passing No.<br>200), Stone<br>Fragments,<br>Gravel and<br>Sand. | Not reported        | Max:<br>Min:                | Max: Min:          |  |  |  |

Soil Map ID: 2

Soil Component Name: Deskamp

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

> 0 inches

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Depth to Watertable Min:

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 81 inches

**Soil Layer Information** Saturated **Boundary** Classification hydraulic conductivity **Soil Reaction** Layer Upper Lower Soil Texture Class **AASHTO Group Unified Soil** micro m/sec (pH) 1 0 inches 9 inches loamy sand Granular Not reported Max: Max: Min: materials (35 Min: pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. 2 16 inches Max: Max: Min: 9 inches loamy sand Granular Not reported materials (35 Min: pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. 3 16 inches 31 inches gravelly loamy Granular Not reported Max: Max: Min: sand materials (35 Min: pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. 4 31 inches 42 inches unweathered Granular Not reported Max: Max: Min: bedrock materials (35 Min: pct, or less passing No. 200), Silty, or Clayey Gravel and Sand.

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

#### FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID         | LOCATION<br>FROM TP |
|--------|-----------------|---------------------|
| A1     | USGS40000988752 | 1/8 - 1/4 Mile West |
| B4     | USGS40000988787 | 1/2 - 1 Mile NNE    |
| C6     | USGS40000988753 | 1/2 - 1 Mile East   |
|        |                 |                     |

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

No PWS System Found

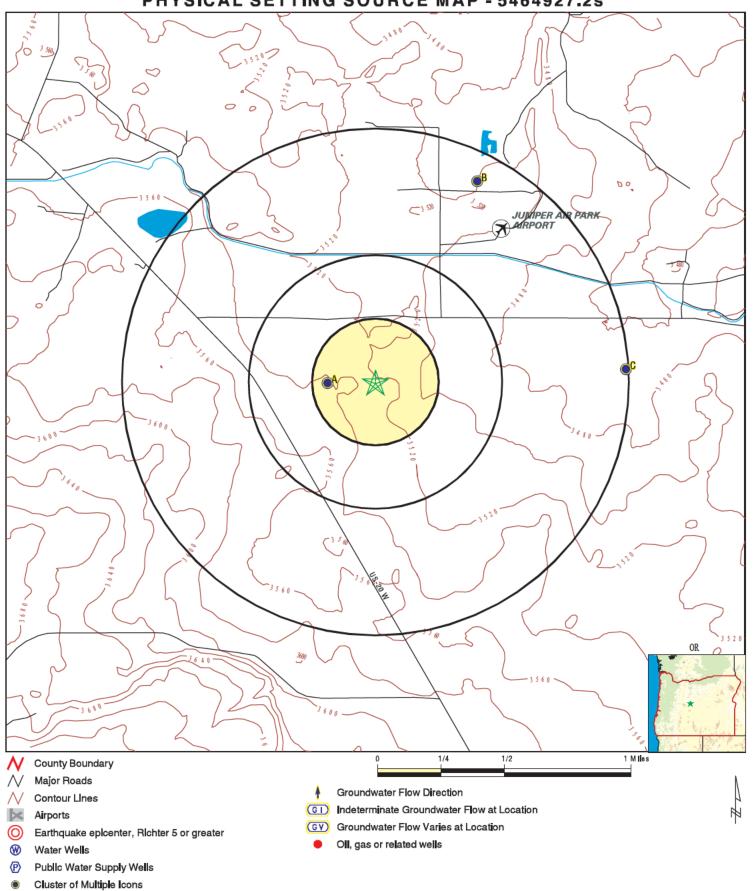
Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID         | FROM TP             |
|--------|-----------------|---------------------|
| A2     | ORW600000009491 | 1/8 - 1/4 Mile West |
| B3     | ORW60000010478  | 1/2 - 1 Mile NNE    |
| C5     | ORW60000009469  | 1/2 - 1 Mile East   |

**LOCATION** 

# PHYSICAL SETTING SOURCE MAP - 5464927.2s



SITE NAME: Bend COTEF ADDRESS: 23861 Dodds Road Bend OR 97701 LAT/LONG: 44.025796 / 121.128308

CLIENT: AECOM CONTACT: Brittany Kirchmann

INQUIRY #: 5464927.2s

DATE: October 25, 2018 11:42 am

# **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

| Map ID<br>Direction<br>Distance<br>Elevation |                                  | Database | EDR ID Number   |
|--|----------------------------------|----------|-----------------|
| A1<br>West<br>1/8 - 1/4 Mile<br>Higher       | Click here for full text details | FED USGS | USGS40000988752 |
| A2<br>West<br>1/8 - 1/4 Mile<br>Higher       | Click here for full text details | OR WELLS | ORW600000009491 |
| B3<br>NNE<br>1/2 - 1 Mile<br>Lower           | Click here for full text details | OR WELLS | ORW600000010478 |
| B4<br>NNE<br>1/2 - 1 Mile<br>Lower           | Click here for full text details | FED USGS | USGS40000988787 |
| C5<br>East<br>1/2 - 1 Mile<br>Lower          | Click here for full text details | OR WELLS | ORW60000009469  |
| C6<br>East<br>1/2 - 1 Mile<br>Lower          | Click here for full text details | FED USGS | USGS40000988753 |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

#### AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

| Zipcode | Num Tests | Maximum | Minimum | Average | # > 4 pCi/L |
|---------|-----------|---------|---------|---------|-------------|
|         |           |         |         |         |             |
| 97701   | 30        | 1.3     | 0.1     | 0.5     | 0           |

Federal EPA Radon Zone for DESCHUTES 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 DESCHUTES COUNTY, OR

Number of sites tested: 11

 Area
 Average Activity
 % <4 pCi/L</th>
 % 4-20 pCi/L
 % >20 pCi/L

Living Area 0.820 pCi/L 100% 0% 0%

Basement Not Reported Not Reported Not Reported Not Reported

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Data Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> 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 Data

Source: Department of Water Resources

Telephone: 503-986-0843

#### OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: Department of Geology and Mineral Industries

Telephone: 971-673-1540

A listing of oil and gas well locations in the state.

#### **RADON**

State Database: OR Radon Source: Oregon Health Services Telephone: 503-731-4272 Radon Levels in Orgeon

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### **OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### STREET AND ADDRESS INFORMATION

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# Appendix B Preliminary Assessment Documentation

# Appendix B.1 Interview Records

Facility: COLET Interviewer Date/Time: 15-4-18

| _  | Date/Time: [6.4.68   |
|--|--|
| Interviewee: Title: ENNI FORMENTAL MIGHT Phone Number: Email:  | Can your name/role be used in the PA Report? Y or N Can you recommend anyone we can interview?  N + Way hard notes                     |
| Roles or activities with the Facility/years work      CONTROL OF CONTROL      OF CONTROL | l management<br>vilities since 2003  |
| ,  | cilities) F aware of   |
| 4. Fill out CSM Information worksheet with the   | Environmental Manager.   |
|  | FF dispensing systems or fire suppression systems? quirements? What is the frequency of testing the Built" drawings for the buildings? |
| unchenn  |  |

| Facility:_    |  |
|---------------|--|
| Interviewer:_ |  |
| Date/Time:_   |  |

6. Are fire suppression systems currently charged with AFFF or have they been retrofitted for use of high expansion foam? If retrofitted, when was that done?

unchan

7. How is AFFF procured? Do you have an inventory/procurement system that tracks use?

through manufacturer (Federal procurement)

8. What type of AFFF has been/is being used (3%, 6%, Mil Spec Mil-F-24385, High Expansion)? Manufacturer (3M, Dupont, Ansul, National Foam, Angus, Chemguard, Buckeye, Fire Service Plus)?

Unknown

9. Where is the AFFF stored? How is it stored (tanks, 55-gallon drums, 5-gallon buckets)? What size are the storage tanks? Is the AFFF stored as a mixed solution (3% or 6%) or concentrated material?

unknown

10. How many FTAs are/were on this facility and where are they? Locate on a map. How many FTAs are active and inactive? For inactive FTAs, when was the last time that fire training using AFFF was conducted at them?

rare

| Facility:_   |  |
|--------------|--|
| Interviewer: |  |
| Date/Time:_  |  |

11. When a release of AFFF occurs during a fire training exercise, now and in the past, how is the AFFF cleaned and disposed of? Were retention ponds built to store discharged AFFF? Was the AFFF trickled to the sanitary sewer or left in the pond to infiltrate?

Nla

12. Can you recall specific times when city, county, and/or state personnel came on-post for training? If so, please state which state/county agency or military entity? Do you have any records, including photographs to share with us?

No

13. Did military routinely or occasionally fire train off-post? List the units that you can recall used/trained at various areas.

No

14. Did individual units come with their own safety personnel, did they also bring their own AFFF? Was training with AFFF part of these exercises? How were emergencies handled under these circumstances?

Nla

15. Are there specific emergency response incident reports (i.e., aircraft or vehicle crash sites and fires)? If so, may we please copy these reports? Who (entity) was the responder?

No aircraft assite no airpatrumuay

| Facility:_    |  |
|---------------|--|
| Interviewer:_ |  |
| Date/Time:_   |  |

16. Do you have records of fuel spill logs? Was it common practice to wash away fuel spills with AFFF? Is/was AFFF used as a precaution in response to fuel releases or emergency runway landings to prevent fires?

No airraft ausite

17. Was AFFF used for forest fires or fire management on-post/off-post? If so, please describe what happened and who was involved?

No

18. Are there mutual aid/use agreements between county, city, and local fire department? Please list, even if informal. If formalized, may we have a copy of the agreement?

NO

19. Can you provide any other locations where AFFF has been stored, released, or used (i.e. hangars, buildings, fire stations, firefighting equipment testing and maintenance areas, emergency response sites, storm water/surface water, waste treatment plants, and AFFF ponds)?

NO

20. Are you aware of any other creative uses of AFFF? If so, how was AFFF used? What entities were involved?

No

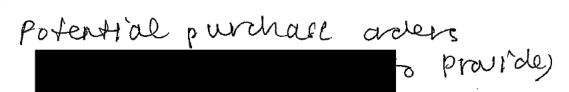
| PA    | Interview    | Questionnaire     | - Environmental       | Manager             |
|-------|--------------|-------------------|-----------------------|---------------------|
| ~ ~ ~ | ARREST TREET | O MODEL DALLING C | AJEL TER CERESACIECES | AT A SECRETARIA COL |

| Facility:    |  |
|--------------|--|
| Interviewer: |  |
| Date/Time:   |  |

21. Are there past studies you are aware of with environmental information on plants/animals/ groundwater/soil types, etc., such as Integrated Cultural Resources Management Plans or Integrated Natural Resources Management Plans?

ciquire u.Th cultural Pesaires Manager

22. What other records might be helpful to us (environmental compliance, investigation records, admin record) and where can we find them?



23. Do you have or did you have a chrome plating shop on base? What were/are the years of operation of that chrome plating shop?

Nο

24. Do you know whether the shop has/had a foam blanket mist suppression system or used a fume hood for emissions control? If foam blanket mist suppression was used, where was the foam stored, mixed, applied, etc.?

N/a

25. How is off-spec AFFF disposed (used for training, turned in, or given to a local Fire Station)? If applicable, do you know the name of the vendor that removes off-spec AFFF? Do you have copies of the manifest or B/L?

Nla

| Facility:    |  |
|--------------|--|
| Interviewer: |  |
| Date/Time:   |  |

| 26. | Do you | recommend | anvone else we | can i | nterview? If so. | . do vou have | contact info | rmation fo | r them | ? |
|-----|--------|-----------|----------------|-------|------------------|---------------|--------------|------------|--------|---|

3 COTEF personnel

Facility: COTEF-YCP, Benol Interviewer:

Date/Time: 10.4-18

| Interviewee:  | Can your name/role be used in the  | PA Report? Y or N                             |  |
|---|--|---|--|
| Title: Facilities Manager                               | Can you recommend anyone we can interview?   |   |  |
| Phone Number:   | Y or N   |   |  |
| Email:  |  |   |  |
| Roles or activities with the Facility/Years work        | ing at the Facility:   |   |  |
| Facilities Manacier fo                                  | r COTEF (biwiding  | s I for me up                                 |  |
| Facilities Manager for<br>Maintenance                   | ,  | · ) (-1 · · · · · · · · · · · · · · · · · · · |  |
|   |  |   |  |
|   | ppper catalogue e e e e e  |   |  |
|   |  |   |  |
|   | · · · · · · · · · · · · · · · · · · ·  |   |  |
|   |  |   |  |
|   |  |   |  |
| PFAS Use: Identify accidental/intentional release       | lanting time frame of valence from   |   |  |
| storage container size (maintenance, fire training,     |  |   |  |
| builts), fueling stations, crash sites, pest management | ent, recreational, dining facilities, m  | • •   |  |
| waterproofing). How are materials ordered/purcha        | sed/disposed/shared with others?   |   |  |
| No five Fighting training                               | g conducted  | Known Uses                                    |  |
| arsite. No storage of At                                |  | Wse   |  |
| Numerous Ave extingi                                    |  | Proteirement                                  |  |
| building and a five su                                  | 2007 CO 1 2007 C | Disposition                                   |  |
| the shoot better home of stone                          | A A A A A COLUMN A A A A A A A A A A A A A A A A A A A   | Storage (Mixed)                               |  |
| in the kitchen of the                                   |  | Storagy (Solution)                            |  |
| carducts annual test                                    | 1  | Inventory, Off-Spec                           |  |
| through contractor (A                                   | tl Americant).   | Containment                                   |  |
|   |  | Y   |  |
| are drinking water w                                    | ell as property  | SOP on Filling                                |  |
| in the northern corn                                    | er of main bldg.   | Leaking Vehicles                              |  |
| corrected to septic s                                   | sustem ansite,   | Nozele and Suppression<br>System Testing      |  |
| austrances to several                                   | e la good onsite.  | Dining Facilities                             |  |
|   |  | Vehicle Washing                               |  |
| Former halon fire six                                   | ppression sustem   | Ramp Washing                                  |  |
| in classroom areas -                                    | 11.  | Fuel Spill Washing and<br>Fueling Stations    |  |
| ( unknown dobe)   | - v- y   | Chrome Plating or<br>Waterproofing            |  |

| No aircraft assitt; no reported crashes.   |
|--|
| Structural fires extinguished by Band Fire Dept.<br>Wildrand fires extinguished by smp fire rangers.   |
| East-evy wavehouse - lanpty with some Misc.  Storage. For merry rended to U.S. Forest-service for storing supplies and trucks. Unknown if fire trucks and AFFF stored by Us Forest Service.  Unknown time plained of rendal. |
| - Faeilittes Manager<br>omb rented easterly warehouse space  |
| omo rented partery warehouse space<br>to us Forest service for a everal years<br>No storage of fire Fighting equipment<br>or materials.  |
| No AFFF.<br>Just starage of recads un boxes.   |
|  |
| · · · · · · · · · · · · · · · · · · ·  |
|  |

# Appendix B.2 Visual Site Inspection Checklists

# Visual Survey Inspection Log

|  | Recorded by<br>ARNG Contact |
|--|-----------------------------|
| Source/Release Information   | Date: 10,4-18               |
| Site Name / Area Name / Unique ID: COTEF   | page COLLETS                |
| Site / Area Acreage:   |                             |
| Historic Site Use (Brief Description): Wilfary academy for                                     | high school                 |
| Current Site Use (Brief Description):  |                             |
| I. Was AFFF used (or spilled) at the site/area?  |                             |
| 1a. If yes, document how AFFF was used and usage time (e.g., fire fighting training 2001 to    | 2014):                      |
|  |                             |
| 2. Has usage been documented?  2a. If yes, keep a record (place electronic files on a disk):   |                             |
| 3. What types of businesses are located near the site? Industrial / Commercial / Plating / Wat | terproofing / Residential   |
| 3a. Indicate what businesses are located near the site   |                             |
| 4. Is this site located at an airport/flightline?  |                             |
| 4a. If yes, provide a description of the airport/flightline tenants                            |                             |
| Other Significant Site Features:   |                             |
| Does the facility have a fire suppression system?  (3)/ N                                      |                             |
| Ia. If yes, indicate which type of AFFF has been used:   |                             |
| water based  |                             |
| 1b. If yes, describe maintenance schedule/leaks:   |                             |
| Ic. If yes, how often is the AFFF replaced:  |                             |
| NIA  |                             |
| Id. If yes, does the facility have floor drains and where do they lead? Can we obtain an as bu | nilt drawing?               |
| no   |                             |
| Transport / Pathway Information  |                             |
| Migration Potential:   |                             |
| 1. Does site/area drainage flow off installation?  |                             |
| la. If so, note observation and location:  |                             |
| 2. Is there channelized flow within the site/area?   |                             |
| 2a. If so, please note observation and location:   |                             |
|  |                             |
| 3. Are monitoring or drinking water wells located near the site?  Y/N                          |                             |
| 3a. If so, please note the location:    DUBLIC DIMANO &U & LUNA                                | Cur                         |
| 4. Are surface water intakes located near the site?  | 800                         |
| 4a. If so, please note the location:   |                             |
|  |                             |
| 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?   |                             |
| 2a. If not vegetated, briefly describe the site/area composition:                              |                             |
|  |                             |
| 3. Does the site or area exhibit evidence of crosion?  |                             |
| 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:                                   |                             |
|  |                             |

# Visual Survey Inspection Log

| Receptor Informat          |  |  |
|----------------------------|--|--|
| 1. Is access to the site r |  |  |
|                            | 1a. If so, please note to what extent    | ·  |
|                            |  |  |
| 2. Who can access the      |  | rs / Construction Workers / Trespassers / Residential / Recreational Users / Ecological  |
|                            | 2a. Circle all that apply, note any no   |  |
|                            | public - yo                              |  |
| 3. Are residential areas   |  | TYN  |
|                            | 3a. If so, please note the location/dis  | stance:  |
|                            | <u> VONTY</u>                            |  |
|                            | care centers located near the site?      | istance/type:  |
| -                          | 4a. If so, please note the location/dis  | stance/type:   |
| 5. Are any wetlands loo    | acted near the cite?                     | Y /Ñ )   |
| <del>-</del>               | 5a. If so, please note the location/dis  |  |
| -                          | Jd. II 50, picase note me recureran      | stancertype.   |
| Additional Notes           |  |  |
|                            |  |  |
|                            |  |  |
| <u></u>                    |  |  |
| <u> </u>                   |  |  |
|                            |  |  |
|                            |  |  |
| Photographic Log           |  | 2 /  |
| Photo ID/Name              | Date & Location                          | Photograph Description   |
| 1000 2277                  | 1. (1. (1. (1. (1. (1. (1. (1. (1. (1. ( |  |
| l                          |  | \(\text{\tint{\text{\tin}\text{\tex{\tex |
| AQI001                     | 1/1/2018                                 | Building 500, on flightline, looking south, NE Corner Fire Suppression System  |
|                            |  |  |
|                            |  |  |
| <b>i</b>                   |  | 1  |
| <u> </u>                   |  |  |
|                            |  |  |
|                            |  | 1  |

# Appendix B.3 Conceptual Site Model Information

# **Preliminary Assessment – Conceptual Site Model Information**

| Site Name: COTEF  |
|---|
|   |
| Why has this location been identified as a site?  |
| Potential (motorical) use of ptt  |
| ·   |
|   |
| Are there any other activities nearby that could also impact this location?   |
| not lokely  |
| <b>J</b>  |
|   |
| Training Events   |
| Have any training events with AFFF occurred at this site? $\wedge \delta$   |
| If so, how often?   |
| How much material was used? Is it documented?   |
|   |
| <b>Identify Potential Pathways:</b> 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? $NINC$  |
| Average rainfall? 12 in (1961-1990) ong lantual   |
| Any flooding during rainy season?   |
| Direct or indirect pathway to ditches?  |
| Direct or indirect pathway to larger bodies of water?   |
| Does surface water pond any place on site?  |
| Any impoundment areas or retention ponds? Wastewater Lagoan   |
| Any NPDES location points near the site?  |
| How does surface water drain on and around the flight line? Ma-W vwww   |
|   |
|   |

# **Preliminary Assessment – Conceptual Site Model Information**

| Groundwater:  |
|---|
| Groundwater flow direction? NINE  |
| Depth to groundwater? 804 ft  |
| Uses (agricultural, drinking water, irrigation)?  |
| Any groundwater treatment systems?  |
| Any groundwater monitoring well locations near the site?  |
| Is groundwater used for drinking water?   |
| Are there drinking water supply wells on installation?  |
| Do they serve off-post populations?   |
| Are there off-post drinking water wells downgradient  |
|   |
|   |
|   |
| Waste Water Treatment Plant:  |
| Has the installation ever had a WWTP, past or present? \( \bar{\bar{\bar{\bar{\bar{\bar{\bar{   |
| If so, do we understand the process and which water is/was treated at the plant?  |
| Do we understand the fate of sludge waste?  |
| Is surface water from potential contaminated sites treated?   |
|   |
|   |
| E. t. A. Direction West.  |
| Equipment Rinse Water  1. In fireficienting againment washed? Where does the rinse water go?  |
| 1. Is firefighting equipment washed? Where does the rinse water go?   |
|   |
| 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? |
| //\   |
|   |
| 3. Other?   |
|   |
| **************************************  |

# **Preliminary Assessment – Conceptual Site Model Information**

| Identity Potential Receptors:  |
|--|
| Site Worker  |
| Construction Worker  |
| Recreational User  |
| Residential  |
| <u>CKiff</u>   |
| Ecological   |
| Note what is located near by the site (e.g. daycare, schools, hospitals, churches, agricultural, livestock)? |
| agricultural   |
|  |
|  |
| Documentation  |
| Ask for Engineering drawings (if applicable).  |
| Has there been a reconstruction or changes to the drainage system? When did that occur?                      |
|  |
|  |
|  |
|  |

# Appendix C Photographic Log

# APPENDIX C - Photographic Log

Army National Guard, Preliminary
Assessment for PFAS

Central Oregon Training Education Facility – Youth Challenge Program

Bend, Oregon

#### Photograph No. 1

#### **Description:**

View of a wet chemical (Class F, non-AFFF and non-PFAS-containing) fire extinguisher for the fire suppression system inside the kitchen of the main building.



#### Photograph No. 2

#### **Description:**

View of expired dry chemical (Class ABC, non-AFFF and non-PFAScontaining) fire extinguishers stored on a shelf inside the facilities maintenance room of the main building.



Preliminary Assessment Report COTEF, Bend, Oregon Perfluorooctane-Sulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA) Impacted Sites ARNG Installations, Nationwide

# APPENDIX C - Photographic Log

Army National Guard, Preliminary Assessment for PFAS

Central Oregon Training Education Facility – Youth Challenge Program

Bend, Oregon

#### Photograph No. 3

#### **Description:**

View of new/full dry chemical (Class ABC and Purple-K, non-AFFF and non-PFAS-containing) fire extinguishers stored inside the eastern warehouse.

