

# **Appendix L**

## Phase I Environmental Site Assessment

# Phase I Environmental Site Assessment Moon Pit Site

*Prepared for*  
Deschutes County, Oregon



February 2024

**ParametriX**



# **Phase I Environmental Site Assessment Moon Pit Site**

*Prepared for*

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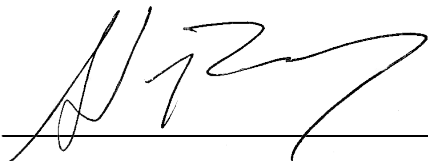
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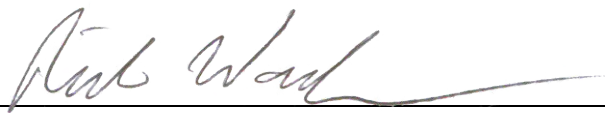
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Moon Pit Site.  
Prepared for Deschutes County, Oregon by Parametrix,  
Seattle, Washington.  
February 2024.

# Certification

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal, as a professional hydrogeologist licensed to practice as such, is affixed below. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. We have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

  
Prepared by Adam Romey, RG



  
Checked by Rick Wadsworth, PE

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# Acronyms and Abbreviations

AST	aboveground storage tank
bgs	below ground surface
CORRACTS	RCRA Corrective Action Sites
CRECs	controlled recognized environmental conditions
DEQ	Oregon Department of Environmental Quality
ECSI	Environmental Cleanup Site Information
EDR	Environmental Data Resources
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HRECs	historical recognized environmental conditions
kg	kilograms
LQGs	Large-quantity generators
LUST	Leaking Underground Storage Tank
NPL	National Priorities List
RCRA	Resource Conservation and Recovery Act
RCRAInfo	Resource Conservation and Recovery Act Information
RECs	recognized environmental conditions
SEMS	Superfund Enterprise Management System
SWF/LF	Solid Waste Facility/Landfill
TSDF	transportation, storage, and disposal facilities
UST	Underground Storage Tank

## Executive Summary

Parametrix, Inc. (Parametrix) was retained by Deschutes County to conduct a Phase I Environmental Site Assessment (ESA) of a semi-developed, 445-acre site located northeast of milepost 18 along Central Oregon Highway 20 and approximately 5.5 miles northwest of the unincorporated community of Millican in Deschutes County, Oregon. Based on the findings of this investigation, Parametrix concluded the following:

1. The subject property is located in Deschutes County, Oregon, approximately 5.5 miles northwest of the unincorporated community of Millican, Oregon. The subject property consists of Deschutes County Tax Lot 1914000000200 and encompasses a total area of approximately 445 acres. The subject property consists of an open pit aggregate mining operation and surrounding undeveloped land with no additional improvements.
2. A review of historical aerial photographs, topographic maps, and the Hooker Creek construction materials website indicate that the subject property was undeveloped until the late 1980s/early 1990s, when aggregate mining operations began. A former asphalt plant was reportedly located on the subject property.
3. The subject property is listed on the Environmental Cleanup Site Information (ECSI) database. A comment dated April 24, 1997, notes that there is no release reported and that the site was added to the ECSI list for tracking purposes. The listing indicates that historical site use at the subject property is unknown, but it may have been used by the military during World War II (historical document review did not indicate any military usage on the subject property). No contamination at the site has been documented. Listing of the site on the ECSI database for tracking purposes does not represent a recognized environmental condition (REC) to the subject property.
4. Two diesel aboveground storage tanks (ASTs) are in use at the property: an approximately 250-gallon AST near the gate and a 10,000- to 20,000-gallon AST that provides fuel to the generator for the groundwater supply well on-site. Minor staining was noted near the small AST. De minimis staining was also noted near the site entrance, in operation areas, at the equipment boneyard, and in the vicinity of the former asphalt plant. No other evidence of use or storage of hazardous substances and/or petroleum products, indications of spills or underground storage tanks (USTs), or distressed vegetation was observed on or near the subject property. The former presence of the asphalt plant operations, as well as observed petroleum staining in several areas of the property, represents a REC to the subject property.
5. An interview was conducted with the current resident and caretaker, Mr. Scott Carlson. No RECs were identified during the course of the interview.

Based upon the conclusions of this investigation of the subject property, Parametrix offers the following recommendation:

1. A limited Phase II ESA is recommended on the subject property to delineate shallow soil contamination, if any, and to establish baseline conditions. The Phase II ESA should include surface and shallow depth soil sampling in the former asphalt plant area, as well as other operational areas, near ASTs, and in areas of observed petroleum staining.

# 1. Introduction

Parametrix was retained by Deschutes County to conduct a Phase I Environmental Site Assessment (ESA) of a semi-developed, 445-acre site (subject property) located northeast of milepost 18 along Central Oregon Highway 20 and approximately 5.5 miles northwest of the unincorporated community of Millican in Deschutes County, Oregon (Figure 1). The subject property consists of Deschutes County Tax Lot 1914000000200 (see Figure 2). The subject property is currently owned by Moon Pit LLC. It is our understanding that the environmental due diligence is being completed for potential acquisition of the property for the purpose of siting a new county solid waste facility.

This Phase I ESA included a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of relevant public agency documents. The Phase I ESA consisted of two distinct tasks: (1) a review of documents and of oral information (if available) and (2) a site examination. Conclusions and recommendations within this report are based solely on observed evidence and data collected during the performance of this assessment.

## 1.1 Purpose

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study. The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act, and, as such, constitutes “all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice” as defined at 42 U.S. Code § 9601(35)(B).

The purpose of this Phase I ESA is to identify recognized environmental conditions (RECs) on or near the subject property. The term *recognized environmental conditions* is defined in ASTM Standard E1527-13 as:

*“...the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.”*

In accordance with ASTM Standard E1527-21, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

An HREC is defined as:

*“...a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.”*



A CREC is defined as:

*“...a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.”*

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

## **1.2 Significant Assumptions**

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix field observations are limited to those areas which Parametrix staff had access to on the subject property.

Phase I ESA methodology included viewing accessible areas of the subject property on foot. Unless otherwise stated, no exceptions to the guidelines presented in ASTM E1527-21 were made during completion of this Phase I ESA.

## **1.3 Limitations**

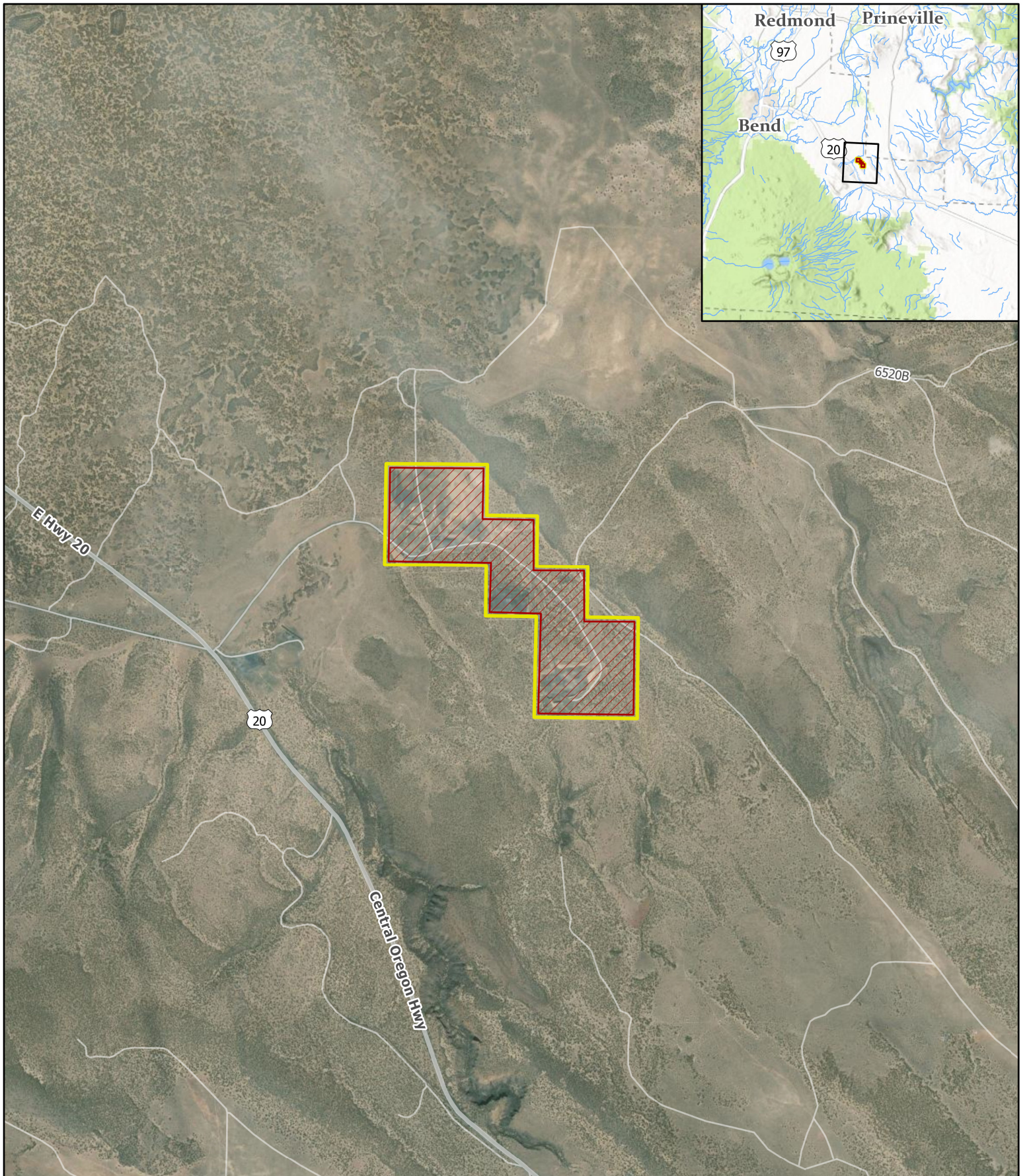
The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions may exist at the subject property not detected at the time of the investigation.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff.
- Contacts and discussions with regulatory agencies and others.
- Review of available hazardous substance or solid waste lists.
- Opinions and judgments of Parametrix based on the information available.

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the subject property and upon which to draw the conclusions stated in this report.





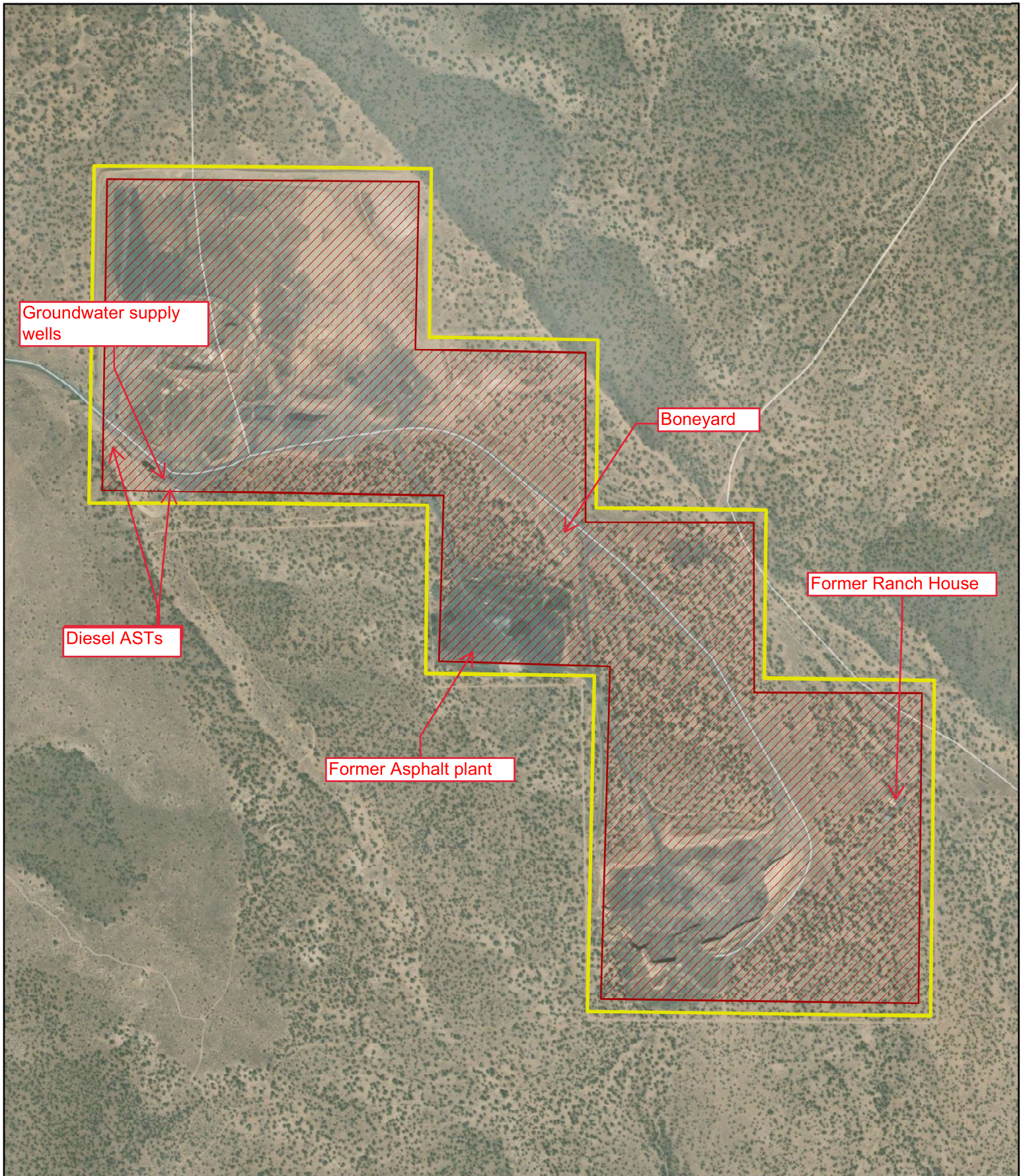
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-  Property Boundary
-  Site Area

**Figure 1. Site Vicinity Map  
Moon Pit**



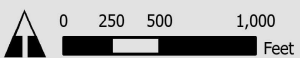




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 Property Boundary  
 Site Area

**Figure 2. Site Map  
Moon Pit**





## 2. Site Description

The following sections summarize the location, characteristics, and physical setting of the subject property.

### 2.1 Location

The subject property is located in Deschutes County, Oregon, and consists of Tax Lot 1914000000200. The subject property is located northeast of milepost 18 along Central Oregon Highway 20 and approximately 5.5 miles northwest of the unincorporated community of Millican in Deschutes County, Oregon. The subject property currently consists of a mix of undeveloped and developed industrial land and appears to operate as an aggregate mining company (Hooker Creek Construction Materials). The subject property is shown in Figure 1. The boundaries of the subject property are shown in Figure 2.

### 2.2 Site and Vicinity Characteristics

The subject property includes approximately 445 acres of a mix of undeveloped and developed industrial land. The subject property is bordered by undeveloped land in all directions. Approximately 0.6 miles southwest of the subject property lies the Bend Aero Modelers radio-controlled model aircraft park. The general vicinity southeast of the subject property becomes sparsely developed with residential, commercial, and industrial-related structures closer to the unincorporated community of Millican, Oregon.

### 2.3 Physical Setting

The subject property is located in Deschutes County, Oregon, approximately 5.5 miles northwest of the unincorporated community of Millican, Oregon, and 17 miles southeast of the City of Bend, Oregon. The subject property is located in the High Lava Plains physiographic province (Northern Basin and Range ecoregion) and is bordered by the Blue Mountains to the north and east; the eastern slopes of the Cascade Mountains and the Newberry National Volcanic Monument to the west; and Horse Ridge, Millican Valley, and the Paulina Mountains to the south.

The dominant rock unit mapped in the vicinity of the subject property are basaltic and basaltic andesitic rocks, ranging in age from 2 to 7 million years old, that erupted from vents in the northern Basin and Range Province (MacLeod et al. 1995; Sherrod and Smith 2000). Quaternary alluvial deposits predominate the northwestern portion of the subject property. A major surge in volcanic activity occurred in the region between 4 and 7 million years ago, producing the Deschutes Formation, a sequence of lava flows, pyroclastic deposits, volcanoclastic deposits, and sediment more than 2,000 feet thick. Other volcanic activity occurred within the High Lava Plains and Basin and Range Provinces coincident with that associated with the Deschutes Formation, including lava flows of Horse Ridge (to the adjacent southwest of the subject area) and Walker Rim, which are products of that activity (Lite and Gannett 2002). The Brothers Fault Zone bisects Horse Ridge and is a wide zone made up of hundreds of small parallel faults across the relatively young volcanic rocks of the High Lava Plains; none are known to be active (DOGAMI 2023).

Groundwater flow does not appear to be affected by the Brothers Fault Zone. Sparse groundwater level data within the fault zone suggest that groundwater flow is not interrupted as it crosses several faults strands within the fault zone (Lite and Gannett 2002).

Depth to groundwater within the subject property area is approximately 850 feet below ground surface (bgs), but based on wells approximately 3 miles west of Central Oregon Highway 20, groundwater can be as deep as 1,100 feet bgs (OWRD 2023). Groundwater flow in the area can be complicated by preferential flow pathways in the geologic units discussed above; however, regional groundwater flow is expected to trend to the northwest (Lite and Gannett 2002). The surface topography at the subject property is generally flat in the northwestern portion, steadily increasing in elevation to the southeast with an average grade of approximately 4% as the subject property spans the basaltic units discussed earlier. The subject property is at an average elevation of approximately 3,660 feet above mean sea level.

## **2.4 Current Use of the Site**

The subject property currently consists of a mix of undeveloped and developed industrial land and operates as an aggregate mining company (Hooker Creek Construction Materials)

## **2.5 Improvements on the Site**

Limited improvements associated with the aggregate operation include a gate structure and a generator building that provides power to the supply well. A vacant ranch house is located on the southeast portion of the subject property (Figure 2).

## **2.6 Environmental Liens**

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products. No evidence of environmental liens was identified during review activities conducted as part of this Phase I ESA; however, a formal environmental lien search was not part of the scope. Mr. Scott Carlson, Site Representative, indicated that the subject property does not have an environmental lien imposed upon it.

## 3. Records Review

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: (1) a review of regulatory database-listed sites by federal and Oregon agencies and (2) a compilation of historical uses of the subject property and site vicinity to determine whether past operations pose an environmental risk to the site.

Information for agency database review is based, in part, on a report provided by Environmental Data Resources (EDR). The EDR report is a summary of state and federal database searches for sites of possible environmental concern and is included in Appendix A. Historical information is based on review of historical aerial photographs (Appendix B) and topographic maps (Appendix C). Other information, such as water well logs documented in the Oregon Water Resource Department (OWRD) Groundwater Information System (OWRD 2023), were also reviewed in order to develop an understanding of site history.

The information review enabled Parametrix personnel to characterize the types of activities performed at the subject property, identify data gaps prior to the site examination, and facilitate recognition of discrepancies between reported and observed data. Any data gaps identified during the document review were addressed by interviewing knowledgeable personnel, by making observations during the site examination, or by additional detailed investigation.

It should be noted that the information supplied by EDR is reported as Parametrix received it. EDR, in turn, reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

### 3.1 Standard Environmental Record Sources

The following section summarizes information collected from database records maintained by the U.S. Environmental Protection Agency (EPA) and Oregon Department of Environmental Quality (DEQ). The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR report (Appendix A). Only standard and key additional databases are listed below.

#### 3.1.1 Review of Oregon DEQ Databases

The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-21 search radii from the following databases. Additional information regarding these sites was reviewed on DEQ's Facility Profiler database to supplement data gaps in the EDR report. Relevant database listings from DEQ include the following:

- DEQ Underground Storage Tank (UST) List.
- DEQ Leaking Underground Storage Tank (LUST) List.
- DEQ Environmental Cleanup Site Information (ECSI) List.
- DEQ Brownfields List.
- DEQ Dry Cleaner List.

- Spills Database.
- The Solid Waste Facility/Landfill (SWF/LF) Sites List.

### **3.1.1.1 DEQ UST List**

The UST List identifies registered USTs, which are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data were obtained from DEQ's UST Program.

Information contained in the EDR report indicates that the subject property is not listed as a UST site. No UST sites were identified within 0.25 miles of the subject property.

### **3.1.1.2 DEQ LUST List**

The LUST Incident Report contains an inventory of reported leaking UST incidents. The data were obtained from DEQ's LUST Cleanup Site database.

Information contained in the EDR report indicates that the subject property is not listed as a LUST site. No LUST sites were identified within 0.5 miles of the subject property.

### **3.1.1.3 DEQ ECSI List**

The ECSI system tracks sites with known or suspected contamination as well as sites that have cleaned up hazardous substance contamination within Oregon. The ECSI list is Oregon's equivalent to the Superfund Enterprise Management System (SEMS) List. The Confirmed Release List, Voluntary Cleanup Program, and Independent Cleanup Program are subsets of the ECSI system and record sites with confirmed releases of hazardous substances.

The EDR report indicates the subject property is listed on the ECSI database:

The Moon Property site (no address listed) is located at the subject property. A comment in the ECSI database dated April 24, 1997, notes that there is no release reported and that the site was added to the ECSI list for tracking purposes. Historical site use at the subject property is unknown, but the record indicates that it may have been used by the military during World War II. No contamination associated with the ECSI listing at the site has been documented. The site being listed in the ECSI database for tracking purposes does not represent a REC to the subject property.

No additional ECSI sites were identified within 1 mile of the subject property.

### **3.1.1.4 DEQ Brownfields List**

The brownfields database lists sites of real property where expansion or redevelopment is complicated by actual or perceived environmental contamination.

The EDR report indicates that the subject property is not listed in the brownfields database. No brownfields sites were identified within 1 mile of the subject property.

### **3.1.1.5 DEQ Dry Cleaner List**

The dry cleaner database is a listing of former or current dry cleaners in Oregon. No dry cleaner sites were identified within 0.25 miles of the subject property.

### **3.1.1.6 Spills Database**

The spills database is a listing of oil and hazardous material spills that are reported to the DEQ Environmental Response Program. The subject property is not listed in the spills database.

### **3.1.1.7 SWF/LF List**

The SWF/LF sites database typically contains an inventory of solid waste disposal facilities or landfills. No SWF/LF sites were identified within 0.5 miles of the subject property.

## **3.1.2 EPA Databases**

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-21 search radii from the following databases:

- National Priorities List (NPL)
- SEMS
- RCRA
- RCRA Corrective Action Sites (CORRACTS) List
- RCRA Information (RCRAInfo) List
- Emergency Response Notification System (ERNS) List
- U.S. Brownfields List

### **3.1.2.1 EPA NPL**

The NPL identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. Information contained in the EDR report indicates that the subject property is not listed as an NPL site. No NPL sites were identified within 1 mile of the subject property.

### **3.1.2.2 SEMS List**

The EPA's SEMS List (formerly CERCLIS) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program. The list contains data on sites that are proposed to be on the NPL, in the screening and assessment phase of the NPL, or already on the NPL. Information contained in the EDR report indicates that the subject property is not listed as a SEMS site. No SEMS sites were identified within 0.5 miles of the subject property.

The EPA also publishes the SEMS-ARCHIVE List (formerly CERCLIS-NFRAP), which identifies SEMS sites that have been archived as "no further remedial action planned" and have been removed from the NPL. Information contained in the EDR report indicates that the subject property is not listed as a SEMS-ARCHIVE site, and no SEMS-ARCHIVE sites were identified within 0.5 miles of the subject property.

### **3.1.2.3 RCRA Generators List**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments of 1984. The database includes selective



information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA.

Conditionally exempt small-quantity generators generate less than 100 kilograms (kg) of hazardous waste or less than 1 kg of acutely hazardous waste per month. Small-quantity generators generate between 100 and 1,000 kg of hazardous waste per month. Large-quantity generators generate more than 1,000 kg of hazardous waste, or more than 1 kg of acutely hazardous waste per month. Non-generators do not presently generate hazardous waste.

Information contained in the EDR report indicates that the subject property is not listed in any of the RCRA generator databases. No RCRA generator sites were identified within 0.25 miles of the subject property.

EPA also regulates the management of hazardous waste at transportation, storage, and disposal facilities (TSDf). Information contained in the EDR report indicates the subject property is not listed as a TSDf site. No TSDf sites were identified within 0.5 miles of the subject property.

#### **3.1.2.4 CORRACTS List**

The CORRACTS List identifies hazardous waste handlers with corrective action activity. Information contained in the EDR report indicates that the subject property is not listed as a CORRACTS site, and no CORRACTS sites were identified within 1 mile of the subject property.

#### **3.1.2.5 ERNS List**

The ERNS List is a national database containing information from spill reports made to federal authorities. Information contained in the EDR report indicates that the subject property is not listed as an ERNS site, and no ERNS sites were identified near the subject property.

#### **3.1.2.6 U.S. Brownfields List**

The EPA U.S. Brownfields List identifies brownfield properties addressed by Cooperative Agreement Recipients or by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a U.S. Brownfields site. No U.S. Brownfields sites were identified within 0.5 miles of the subject property.

### **3.1.3 Other Databases**

The following sections include other databases identified in the EDR report that may be relevant to assessing potential environmental liability or environmental issues at the subject property.

#### **3.1.3.1 Aboveground Storage Tank Database**

The aboveground storage tank (AST) database contains registered ASTs. The data comes from the list of ASTs reported to the Office of the State Fire Marshal. The subject property is not listed on the Oregon AST database. However, two ASTs were noted on the subject property during the site examination, as described in Section 5.1.

#### **3.1.3.2 EDR Proprietary Databases**

EDR has conducted research on the occurrence of historical business practices that may pose a REC to properties. The database was developed from data found in historical city directories and contains information on over 100,000 former gas stations, manufactured gas plants, and dry cleaners. Due to

the nature of these businesses, the sites have the potential for soil and groundwater contamination to have occurred.

### **EDR 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. The listings reviewed include, but were not limited to, gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, and/or service station.

No EDR historical auto stations sites were identified within 0.125 miles of the subject property.

### **EDR Manufactured Gas List**

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 U.S. from the 1800s to 1950s 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 byproducts from this process were frequently disposed of directly at the plant site and can remain or spread slowly, acting as a continuous source of soil and groundwater contamination.

No manufactured gas sites were identified within 1 mile of the subject property.

### **EDR Historical Dry 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, laundries, laundromats, cleaning/laundry businesses, wash, and/or dry businesses.

No historical dry cleaners were identified within 0.125 miles of the subject property.

## **3.1.4 Vapor Encroachment**

ASTM Standard E1527-21 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The subject property and adjacent sites were reviewed in an effort to determine whether vapor migration has or has the potential to have occurred at the subject property from adjacent properties. Based on the information reviewed, no sites were identified as potential RECs associated with vapor migration. In addition, no conditions on the subject property were observed that would indicate a potential vapor intrusion issue.

## **3.1.5 Orphan Site List**

Orphan sites are sites for which mapping information is not detailed enough to plot the location of the site, or for which there is no known responsible party, or the responsible party is unwilling or unable to pay for cleanup. Parametrix reviewed the orphan site list and available mapping information. No relevant orphan sites were identified.

## 3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area to help identify the likelihood that past uses have led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include historical aerial photographs and historical topographic maps.

### 3.2.1 Historical Aerial Photograph Review

Historical aerial photographs of the subject property area were obtained from EDR (EDR 2023b). Aerial photographs for the years 1943, 1953, 1963, 1972, 1982, 1994, 2000, 2009, and 2020 were examined. A copy of the aerial photographs are included in Appendix B. Observations are listed below:

- 1943–1982 The subject property and surrounding areas appear to be sparsely vegetated undeveloped land. Dirt roads transverse the subject property from west to east.
- 1994 Initial development of the subject property is apparent, specifically at the northwest portion and the southwest including the construction of the ranch residence.
- 2000–2020 Development of the subject property expands to its current extent, including the asphalt plant in 2009. The subject property appears much as it does today.

Based on the review of the historical aerial photographs, the subject property remained undeveloped from 1943 until approximately 1994, when Hooker Creek acquired the Moon Quarry. The former presence of an asphalt plant is considered a potential REC to the subject property.

### 3.2.2 Historical Topographic Map Review

Historical topographical maps of the subject property area were obtained from EDR (EDR 2023c). Topographic maps for the years 1935, 1967, 1981, 2014, 2017, and 2020 were examined. Copies of the topographic maps are included in Appendix C. Observations are listed below.

- 1935–1981 The subject property appears to be completely undeveloped, with the exception of an unpaved road bisecting the site.
- 2014–2020 The subject property appears to be semi-developed, with a paved road bisecting the site. This is likely due to operations related to the Moon Quarry on the subject property.

Based on the review of the historical topographic maps, the subject property was largely undeveloped until operations related to the Moon Quarry on the subject property commenced in the late 1980s/early 1990s.

### 3.2.3 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following sections.

### **3.2.3.1 Deschutes County Tax Assessor**

The subject property consists of Deschutes County Tax Lot 1914000000200. The total area of the property is approximately 445 acres and is currently owned by Moon Pit LLC.

### **3.2.3.2 Oregon Water Resources Department**

Three water wells are listed on the Oregon Water Resource Department mapping tool for the subject property. The first well was drilled in 1986 to a completed depth of 915 feet, the second in 1993 to a completed depth of 1,135 feet, and the last in 2004 to a completed depth of 1,155 feet. The primary use listed for these wells is “Domestic.”

## **4. File Review**

In accordance with ASTM Standard E1527-21, inquiries and review of previous investigations for the site and a review of regulatory files for the site or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties and to fill in data gaps where applicable. Previous investigations and file reviews are summarized below.

### **4.1 Previous Investigations**

No previous investigations were identified.

### **4.2 Adjacent and Nearby Properties File Review**

No adjacent properties were listed on environmental databases. Therefore, additional file review was not necessary beyond those completed during the course of this Phase I ESA.

## **5. Site Examination**

Parametrix conducted a site examination on October 5, 2023. The site examination consisted of observing the area, providing observations of the general environmental conditions, and visually assessing the area for evidence of hazardous substances and petroleum products. Photographs of the subject property and adjacent properties taken during the site walk are included in Appendix D.

### **5.1 Subject Property**

The subject property encompasses approximately 445 acres of a mix of undeveloped and developed industrial land. The developed portion of the property consists of an open pit aggregate mining operation with unused developed portions, including a boneyard (scrap equipment) and a former asphalt plant. A residence is also located on the eastern portion of the subject property. The remainder of the property is vacant and consists of sparse grass and sagebrush.

There are two diesel ASTs in use at the subject property: an approximately 250-gallon AST near the gate and a 10,000- to 20,000-gallon AST that provides fuel to the generator for the groundwater supply well on-site. The larger AST is located within a concrete containment basin.

Surficial staining, likely associated with petroleum hydrocarbons, were noted at the site near the AST at the site entrance, in operation areas, the former asphalt plant, and the boneyard. None of the staining appeared to be extensive or associated with active releases. A number of labeled and unlabeled drums (some still containing liquids) were also noted throughout the site, primarily in the boneyard and near the generator building.

No other evidence of USTs, pits, lagoons, distressed vegetation, spills, or other evidence of adverse environmental conditions was observed on the subject property. The former presence of the asphalt plant operations, as well as observed petroleum staining in several areas of the property, represents a REC to the subject property.

### **5.2 Adjacent Properties**

Adjacent properties were examined for the presence of environmental conditions that have the potential to impact the subject property. No evidence of RECs associated with any of the adjacent properties was observed during the site examination.

## 6. Interview

An interview was conducted with a party familiar with the history of the subject property to identify any potential environmental conditions and to address information data gaps during the Phase I ESA process. The interview was conducted via email and telephone and documented by Parametrix.

On October 5, 2023, Parametrix interviewed Scott Carlson, an employee of Hooker Creek Construction Materials, the operator of the site. Mr. Carlson reported the following information based on his knowledge of the subject property:

- Mr. Carlson has been familiar with the subject property for 25 years.
- Mr. Carlson noted that the Moon Pit, LLC has owned the property since 2018.
- Mr. Carlson stated that, to his knowledge, the subject property has only been used as grazing/ranch land and an aggregate mine (including the asphalt plant).
- To Mr. Carlson's knowledge, the subject property has never been developed, and no buildings were ever constructed aside from the current residence and the buildings associated with the mining operation (well house, generator building, gate house).
- To Mr. Carlson's knowledge, there have been minor amounts of hydraulic oil and other machine/vehicle related chemicals stored on the subject property. Mr. Carlson stated that he is unaware of any hazardous material spills or releases on the subject property.
- Mr. Carlson stated that no environmental liens have ever been issued against the subject property.
- Mr. Carlson noted that the residence has a septic drain field to the west of the residence.

No RECs were identified for the subject property in the course of this interview.

## 7. Conclusions

Parametrix was retained by Deschutes County to conduct a Phase I ESA of a semi-developed, 445-acre site located northeast of milepost 18 along Central Oregon Highway 20 and approximately 5.5 miles northwest of the unincorporated community of Millican in Deschutes County, Oregon. Based on the findings of this investigation, Parametrix concluded the following:

1. The subject property is located in Deschutes County, Oregon, approximately 5.5 miles northwest of the unincorporated community of Millican, Oregon. The subject property consists of Deschutes County Tax Lot 191400000200 and encompasses a total area of approximately 445 acres. The subject property consists of an open pit aggregate mining operation and surrounding undeveloped land with no additional improvements.
2. A review of historical aerial photographs, topographic maps, and the Hooker Creek construction materials website indicate that the subject property was undeveloped until the late 1980s/early 1990s, when aggregate mining operations began. Former asphalt plant was reportedly located on the subject property.
3. The subject property is listed on the ECSI database. A comment dated April 24, 1997, notes that there is no release reported and that the site was added to the ECSI list for tracking purposes. The listing indicates that historical site use at the subject property is unknown, but it may have been used by the military during World War II (historical document review did not indicate any military usage on the subject property). No contamination at the site has been documented. Listing of the site on the ECSI database for tracking purposes does not represent a REC to the subject property.
4. Two diesel ASTs are in use at the property: an approximately 250-gallon AST near the gate and a 10,000- to 20,000-gallon AST that provides fuel to the generator for the groundwater supply well on site. Minor staining was noted near the small AST. De minimis staining was also noted near the site entrance, in operation areas, at the equipment boneyard, and in the vicinity of the former asphalt plant. No other evidence of use or storage of hazardous substances and/or petroleum products, indications of spills or USTs, or distressed vegetation was observed on or near the subject property. The former presence of the asphalt plant operations, as well as observed petroleum staining in several areas of the property, represents a REC to the subject property.
5. An interview was conducted with the current resident and caretaker, Mr. Scott Carlson. No RECs were identified during the course of the interview.



## **8. Recommendation**

Based upon the conclusions of this investigation of the subject property, Parametrix offers the following recommendation:

1. A limited Phase II ESA is recommended on the subject property to delineate shallow soil contamination, if any, and to establish baseline conditions. The Phase II ESA should include surface- and shallow-depth soil sampling in the former asphalt plant area, as well as in other operational areas, near ASTs, and in areas of observed petroleum staining.

## 9. References

- DOGAMI (Oregon Department of Geology and Mineral Industries). 2023. Digital Geologic Databases. <https://www.oregongeology.org/geology/index.htm>. Accessed November 3, 2023.
- EDR (Environmental Data Resources). 2023a. EDR Area/Corridor Report, Moon Pit, Bend, Oregon, Inquiry Number 7449863.5s. September 25, 2023.
- EDR. 2023b. The EDR Aerial Photo Decade Package, Moon Pit, Bend, Oregon, Inquiry Number 7449863.2. September 25, 2023.
- EDR. 2023c. EDR Historical Topo Map Report, Moon Pit, Bend, Oregon, Inquiry Number 7449863.1. September 25, 2023.
- Lite, K.E., and Gannett, M.W. 2002. Geologic Framework of the Regional Ground-Water Flow System in the Upper Deschutes Basin, Oregon. *U.S. Geological Survey Water-Resources Investigations Report 02-4015*, p. 44.
- MacLeod, N., Sherrod, D., Chitwood, L., and Jensen, R. 1995. Geologic map of Newberry Volcano, Deschutes, Klamath, and Lake Counties, Oregon: *U.S. Geological Survey Miscellaneous Investigations Series Map I-2455*, scale 1:62,500, 2 sheets, p. 23. text. <https://pubs.usgs.gov/imap/2455/>.
- OWRD (Oregon Water Resource Department). 2023. Water Rights Information Query. <https://apps.wrd.state.or.us/apps/wr/wrinfo/>. Accessed August 2, 2023.
- Sherrod, S., and Smith, J. 2000. Geologic Map of Upper Eocene to Holocene Volcanic and Related Rocks of the Cascade Range, Oregon: *U.S. Geological Survey Scientific Investigations Map I-2569*, scale 1:500,000, 2 sheets, p. 17. text. <https://pubs.usgs.gov/imap/i-2569/>.

# **Appendix A**

## EDR Report



**Moon Pit**

Moon Pit

Bend, OR 97701

Inquiry Number: 7449863.5s

September 25, 2023

# EDR Area / Corridor Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## SUBJECT PROPERTY INFORMATION

### ADDRESS

MOON PIT  
BEND, OR 97701

### TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

## STANDARD ENVIRONMENTAL RECORDS

### ***Lists of state- and tribal hazardous waste facilities***

ECSI: Environmental Cleanup Site Information System

A review of the ECSI list, as provided by EDR, and dated 03/01/2023 has revealed that there is 1 ECSI site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MOON PROPERTY Size: 440 acres Investigation: Suspect State ID Number: 2037	19S/14E/S1, 2, 12	B3 / 5	26

## ADDITIONAL ENVIRONMENTAL RECORDS

### ***Other Ascertainable Records***

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 05/04/2023 has revealed that there is 1 FINDS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MOON PROPERTY	19S/14E/S1, 2, 12	B4 / 5	28

# EXECUTIVE SUMMARY

Registry ID:: 110014159392

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 08/23/2022 has revealed that there are 2 MINES MRDS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MOON MINING CLAIM		A1 / 5	24
MOON MINING CLAIM		A2 / 5	25

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

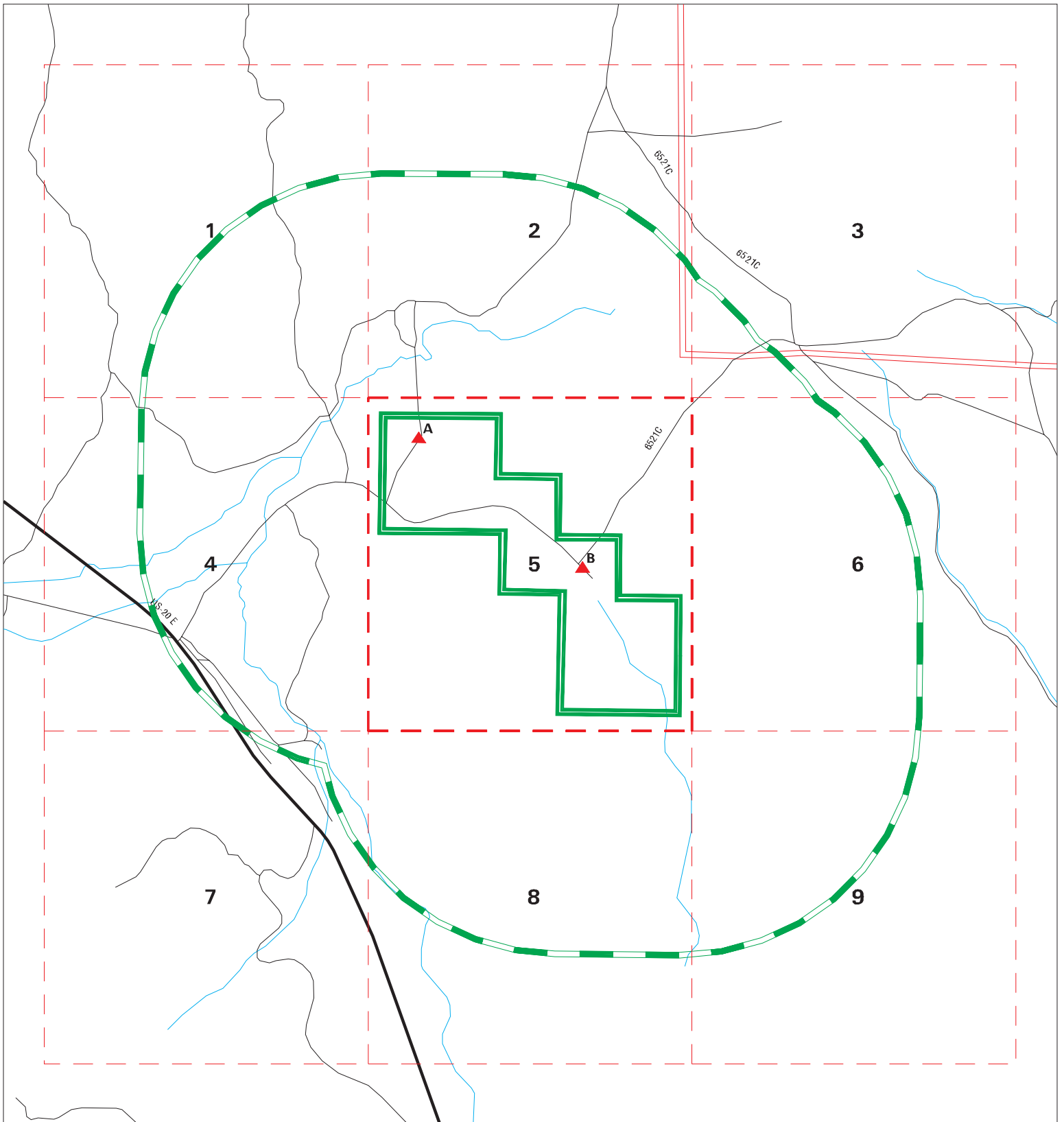
MAPPED SITES SUMMARY

Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A1 / 5	MOON MINING CLAIM		MINES MRDS	TP
A2 / 5	MOON MINING CLAIM		MINES MRDS	TP
B3 / 5	MOON PROPERTY	19S/14E/S1, 2, 12	ECSI	TP
B4 / 5	MOON PROPERTY	19S/14E/S1, 2, 12	FINDS	TP



# Key Map - 7449863.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - Sites
- ▬ Focus Map - No Sites
- Indian Reservations BIA
- National Priority List Sites
- Dept. Defense Sites
- Areas of Concern



SITE NAME: Moon Pit  
 ADDRESS: Moon Pit  
 CITY/STATE: Bend OR  
 ZIP: 97701

CLIENT: Parametrix, Inc.  
 CONTACT: Adam Romey  
 INQUIRY #: 7449863.5s  
 DATE: 09/25/23

10:33 AM

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
ECSI	1.000	1	0	0	0	0	NR	1
CRL	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
OR HAZMAT	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	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

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250	2	0	0	NR	NR	NR	2
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
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
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
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 --		4	0	0	0	0	0	4

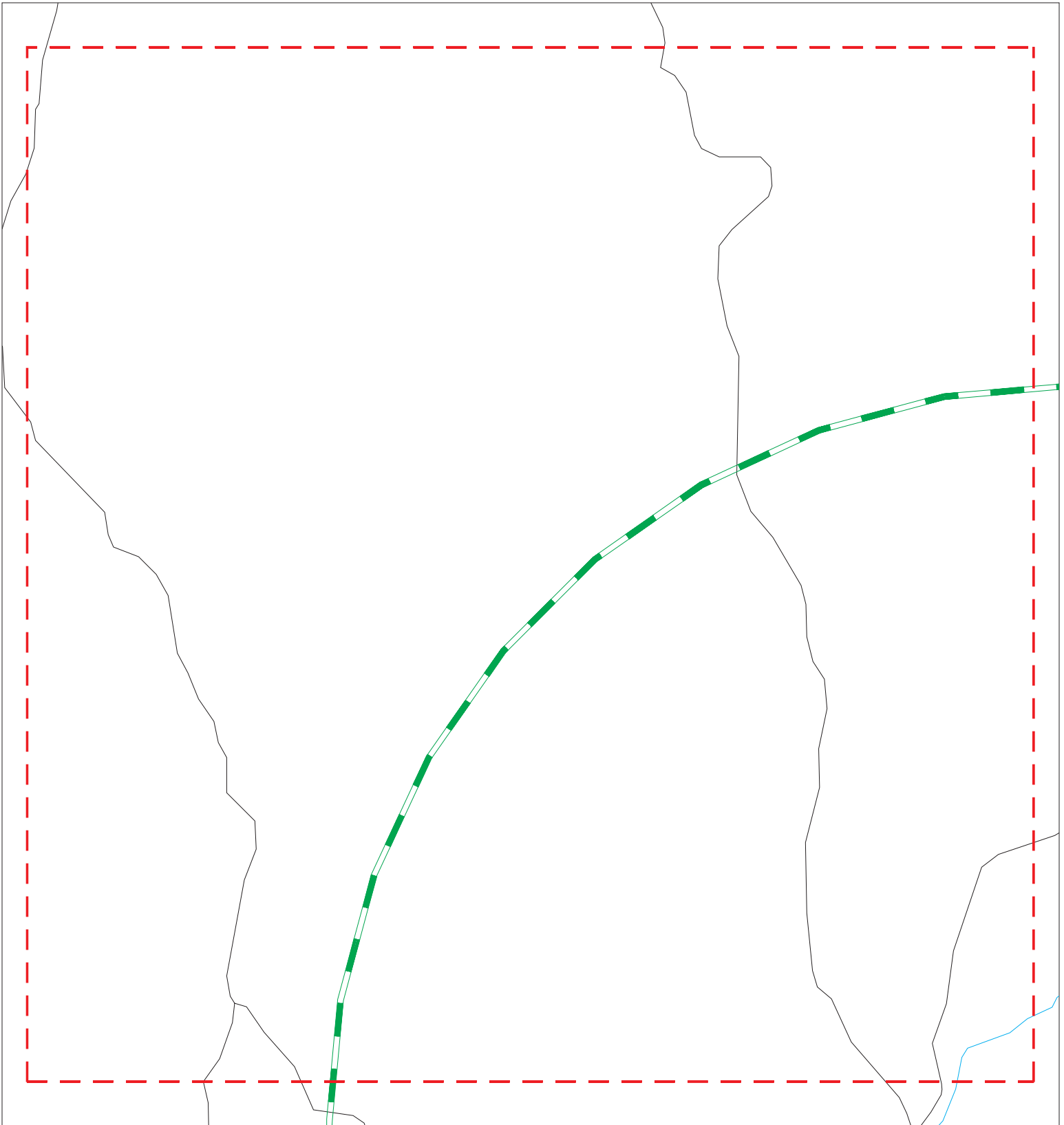
**NOTES:**

TP = Target Property

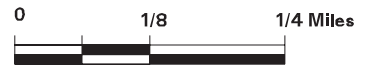
NR = Not Requested at this Search Distance

Sites may be listed in more than one database

# Focus Map - 1 - 7449863.5s



- ▲ Sites
- Focus Map - Sites
- Indian Reservations BIA
- Target Property
- National Priority List Sites
- Search Buffer
- Dept. Defense Sites
- Focus Map - No Sites
- Areas of Concern



SITE NAME: Moon Pit ADDRESS: Moon Pit CITY/STATE: Bend OR ZIP: 97701	CLIENT: Parametrix, Inc. CONTACT: Adam Romey INQUIRY #: 7449863.5s DATE: 09/25/23
---	--

MAPPED SITES SUMMARY - FOCUS MAP 1

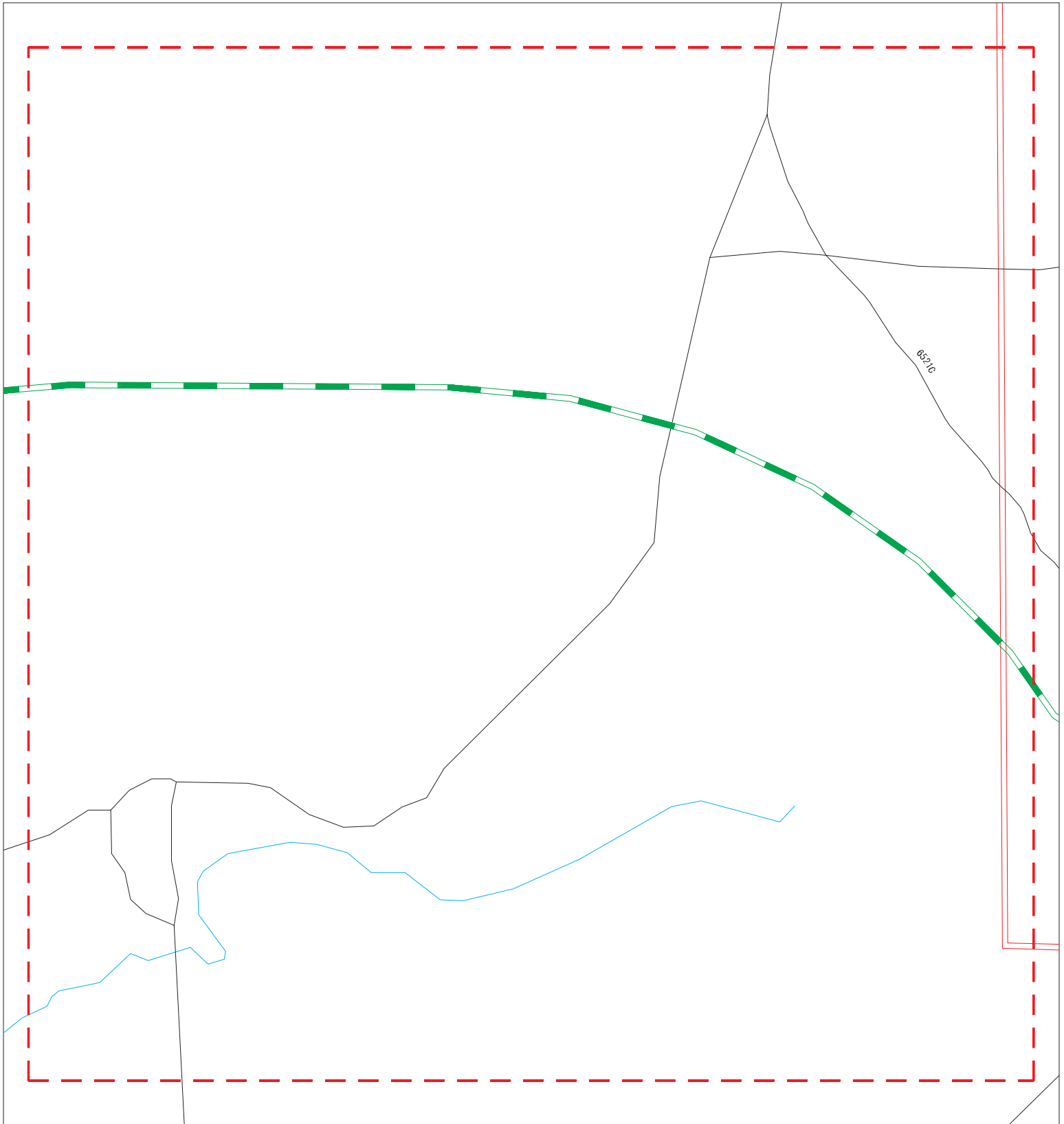
Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

# Focus Map - 2 - 7449863.5s



- ▲ Sites
- ↗ Focus Map - Sites
- ▨ Indian Reservations BIA
- ↗ Target Property
- ▨ National Priority List Sites
- ↗ Search Buffer
- ▨ Dept. Defense Sites
- ↗ Focus Map - No Sites
- ▨ Areas of Concern



SITE NAME: Moon Pit ADDRESS: Moon Pit CITY/STATE: Bend OR ZIP: 97701	CLIENT: Parametrix, Inc. CONTACT: Adam Romey INQUIRY #: 7449863.5s DATE: 09/25/23
---	--



MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

# Focus Map - 3 - 7449863.5s



- ▲ Sites
- ↗ Focus Map - Sites
- ▨ Indian Reservations BIA
- ↗ Target Property
- ▨ National Priority List Sites
- ↗ Search Buffer
- ▨ Dept. Defense Sites
- ↗ Focus Map - No Sites
- ▨ Areas of Concern



SITE NAME: Moon Pit  
 ADDRESS: Moon Pit  
 CITY/STATE: Bend OR  
 ZIP: 97701

CLIENT: Parametrix, Inc.  
 CONTACT: Adam Romey  
 INQUIRY #: 7449863.5s  
 DATE: 09/25/23

MAPPED SITES SUMMARY - FOCUS MAP 3

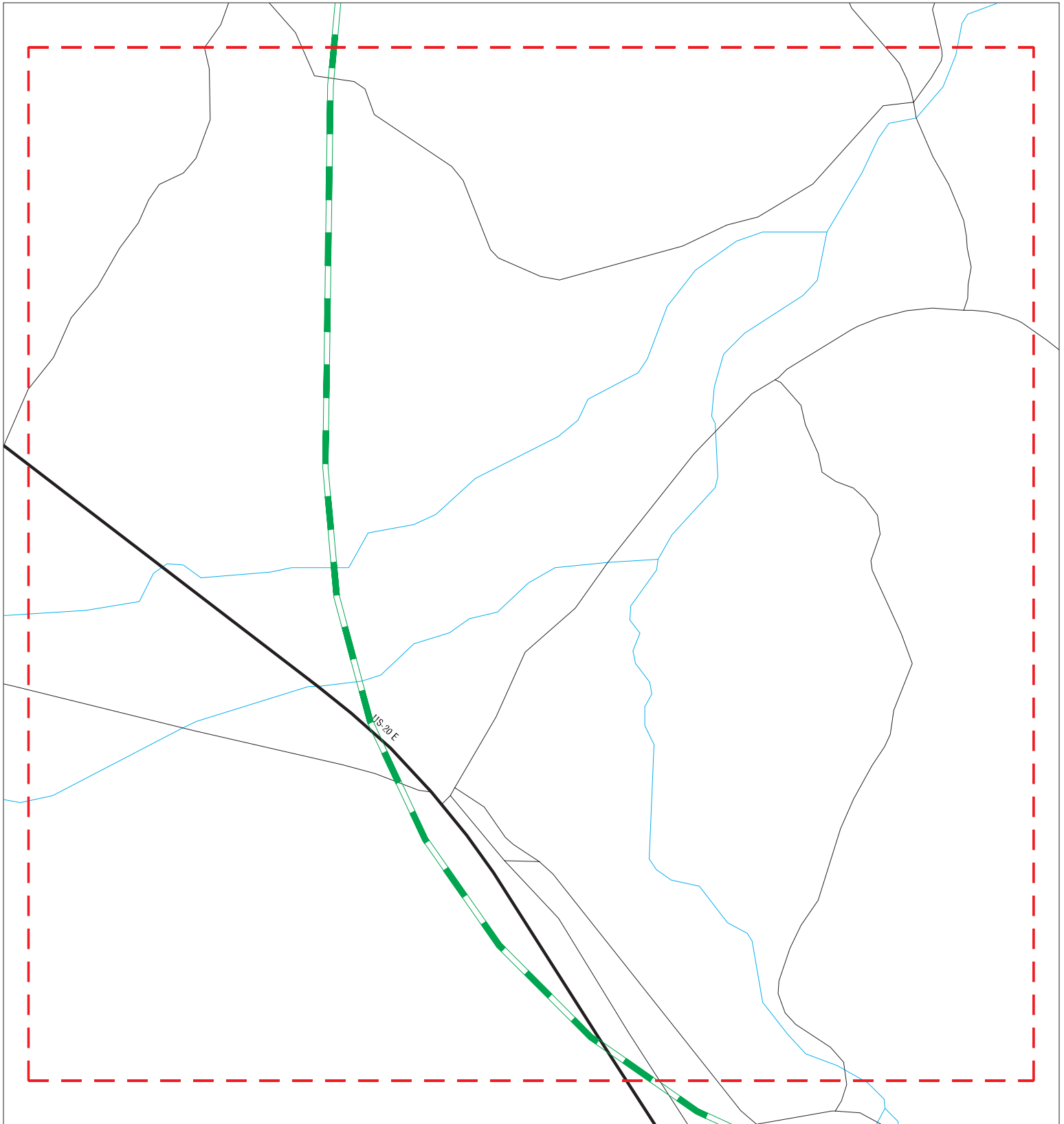
Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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---

NO MAPPED SITES FOUND

# Focus Map - 4 - 7449863.5s



- ▲ Sites
- ↗ Target Property
- ↗ Search Buffer
- ↗ Focus Map - No Sites
- ↗ Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- Areas of Concern
- Indian Reservations BIA



SITE NAME: Moon Pit  
 ADDRESS: Moon Pit  
 CITY/STATE: Bend OR  
 ZIP: 97701

CLIENT: Parametrix, Inc.  
 CONTACT: Adam Romey  
 INQUIRY #: 7449863.5s  
 DATE: 09/25/23

MAPPED SITES SUMMARY - FOCUS MAP 4

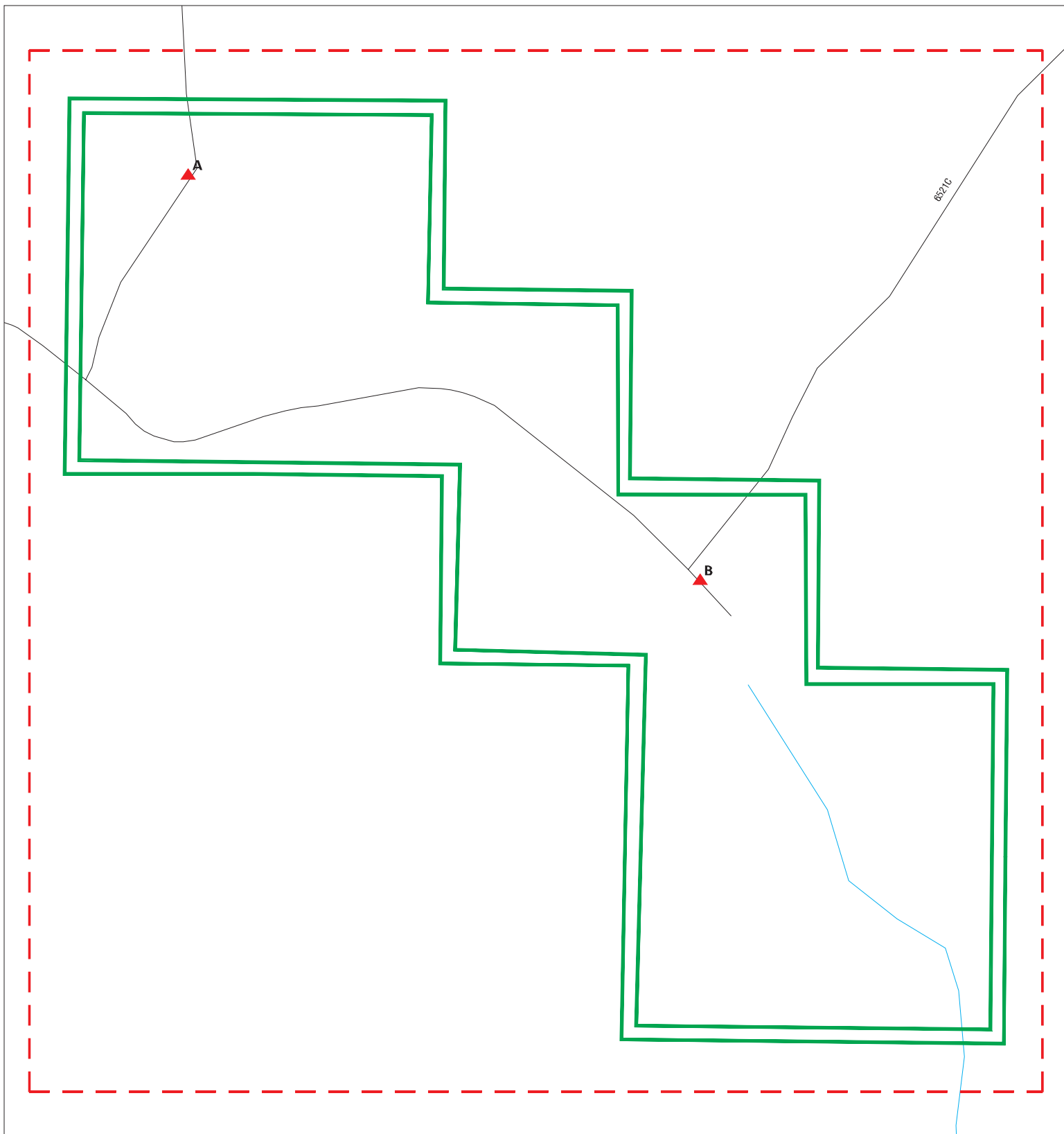
Target Property:  
MOON PIT  
BEND, OR 97701



MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

# Focus Map - 5 - 7449863.5s



- |   |  |   |
|---|--|---|
|  Sites                 |  Focus Map - Sites            |  Indian Reservations BIA |
|  Target Property      |  National Priority List Sites |   |
|  Search Buffer        |  Dept. Defense Sites          |   |
|  Focus Map - No Sites |  Areas of Concern             |   |



SITE NAME: Moon Pit  
 ADDRESS: Moon Pit  
 CITY/STATE: Bend OR  
 ZIP: 97701

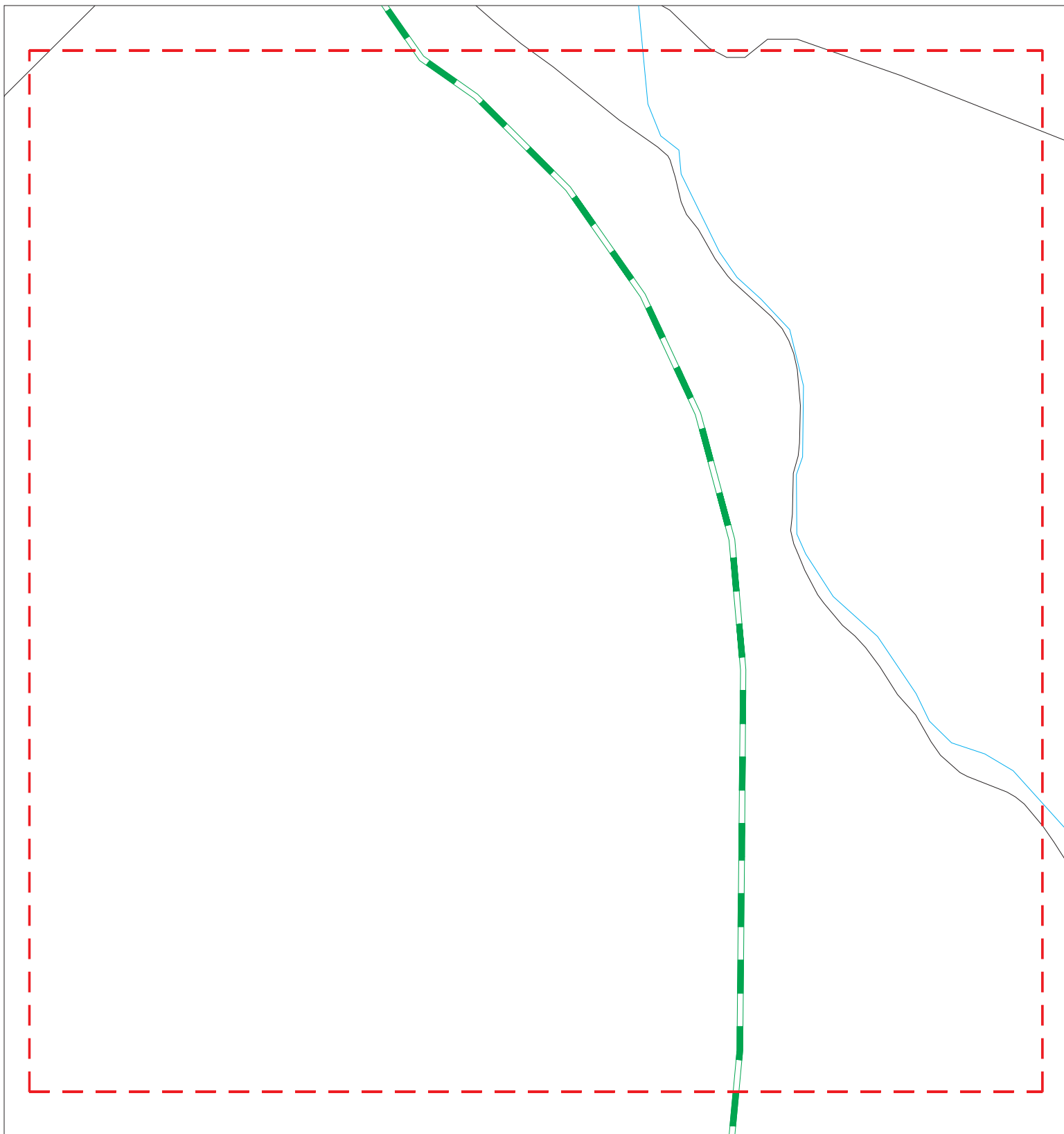
CLIENT: Parametrix, Inc.  
 CONTACT: Adam Romey  
 INQUIRY #: 7449863.5s  
 DATE: 09/25/23

MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A1 / 5	MOON MINING CLAIM		MINES MRDS	TP
A2 / 5	MOON MINING CLAIM		MINES MRDS	TP
B3 / 5	MOON PROPERTY	19S/14E/S1, 2, 12	ECSI	TP
B4 / 5	MOON PROPERTY	19S/14E/S1, 2, 12	FINDS	TP

# Focus Map - 6 - 7449863.5s



- ▲ Sites
- ↘ Focus Map - Sites
- ▨ Indian Reservations BIA
- ↗ Target Property
- ▨ National Priority List Sites
- ↗ Search Buffer
- ▨ Dept. Defense Sites
- ↘ Focus Map - No Sites
- ▨ Areas of Concern



<p>SITE NAME: Moon Pit          ADDRESS: Moon Pit          CITY/STATE: Bend OR          ZIP: 97701</p>	<p>CLIENT: Parametrix, Inc.          CONTACT: Adam Romey          INQUIRY #: 7449863.5s          DATE: 09/25/23</p>
--	---



MAPPED SITES SUMMARY - FOCUS MAP 6

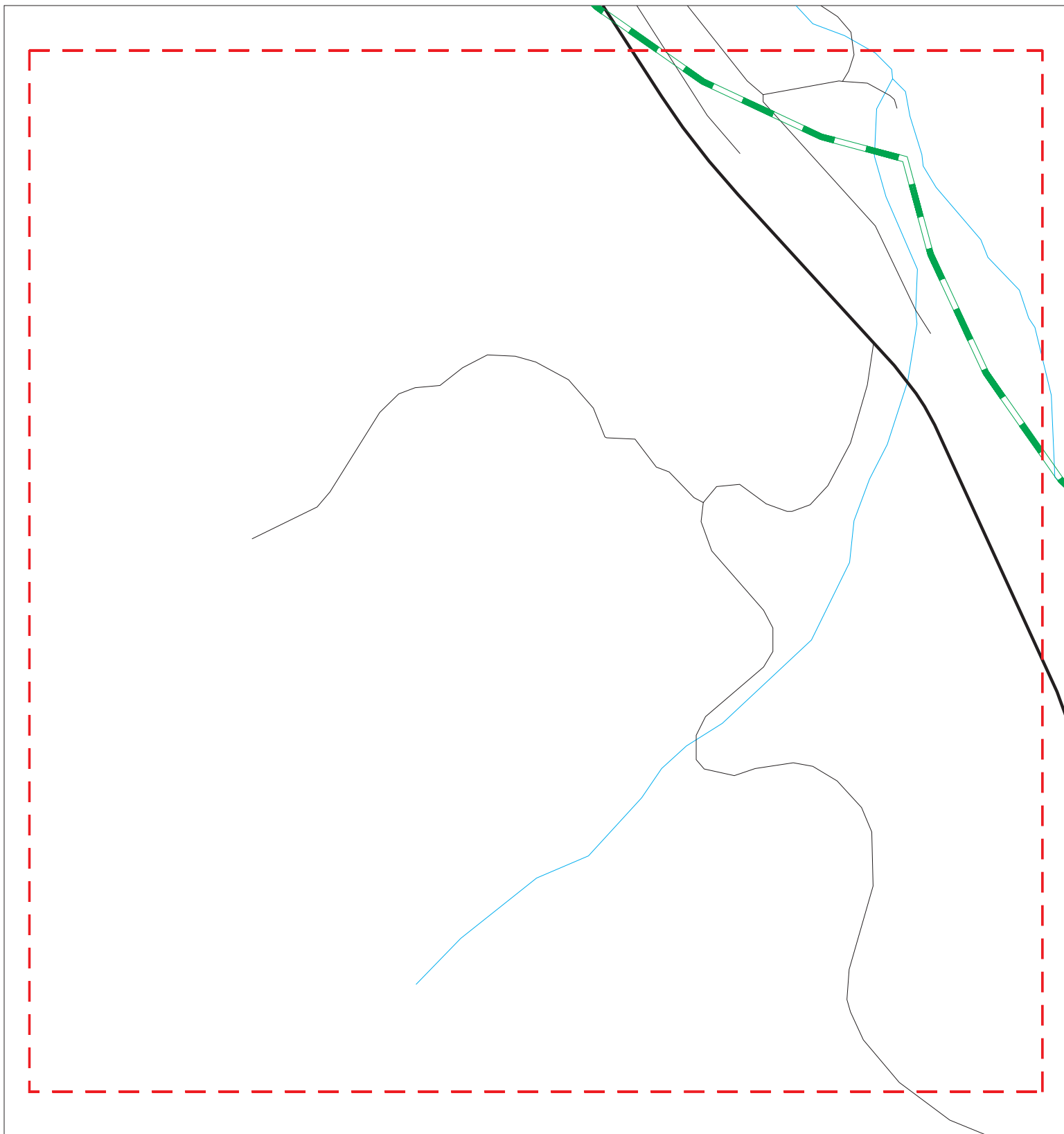
Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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---

NO MAPPED SITES FOUND

# Focus Map - 7 - 7449863.5s



- ▲ Sites
- ↗ Focus Map - Sites
- ▨ Indian Reservations BIA
- ↗ Target Property
- ▨ National Priority List Sites
- ↗ Search Buffer
- ▨ Dept. Defense Sites
- ↗ Focus Map - No Sites
- ▨ Areas of Concern



SITE NAME: Moon Pit  
 ADDRESS: Moon Pit  
 CITY/STATE: Bend OR  
 ZIP: 97701

CLIENT: Parametrix, Inc.  
 CONTACT: Adam Romey  
 INQUIRY #: 7449863.5s  
 DATE: 09/25/23

MAPPED SITES SUMMARY - FOCUS MAP 7

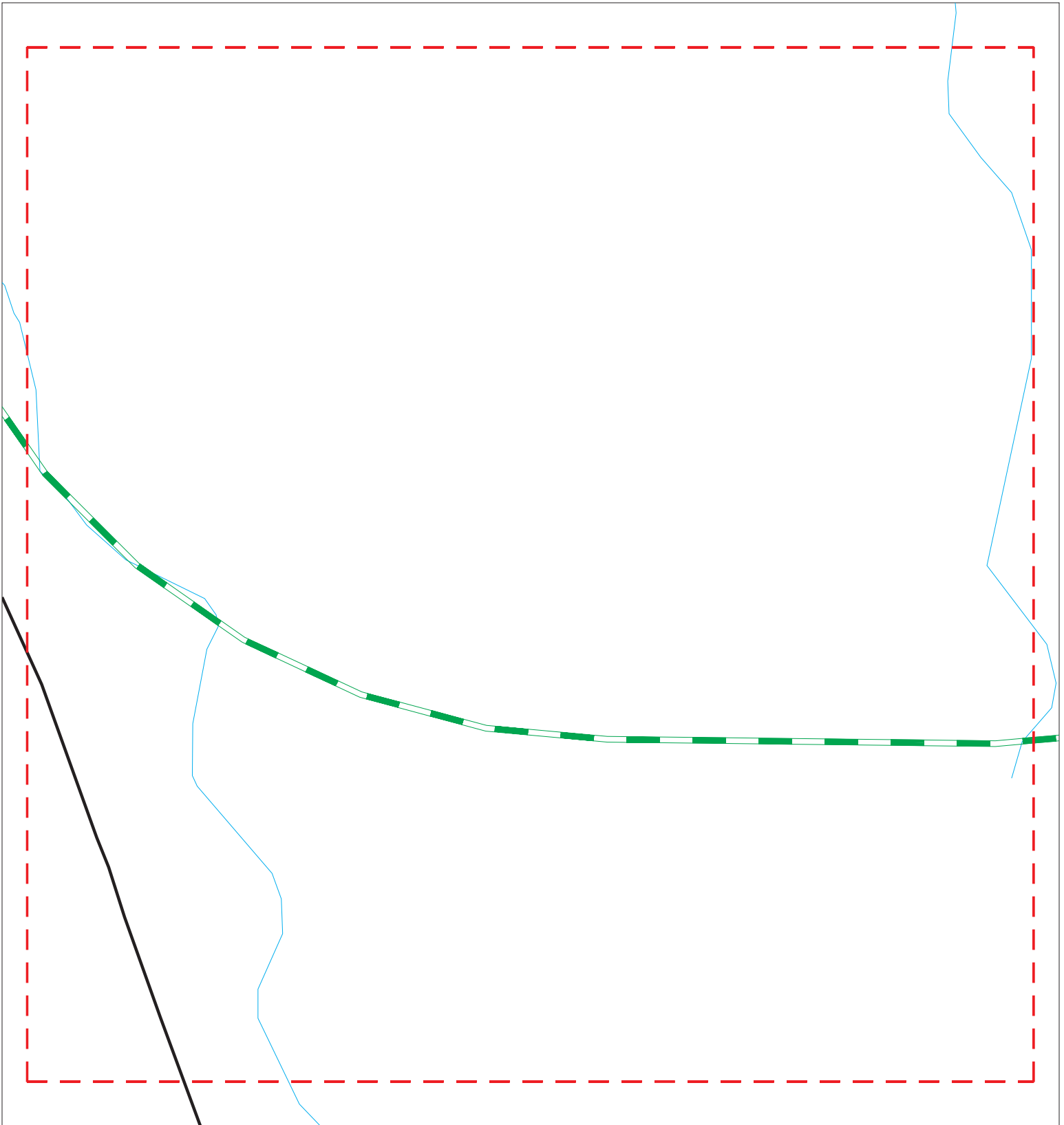
Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

# Focus Map - 8 - 7449863.5s



- ▲ Sites
- ↗ Focus Map - Sites
- ▨ Indian Reservations BIA
- ↗ Target Property
- ▨ National Priority List Sites
- ↗ Search Buffer
- ▨ Dept. Defense Sites
- ↗ Focus Map - No Sites
- ▨ Areas of Concern



SITE NAME: Moon Pit ADDRESS: Moon Pit CITY/STATE: Bend OR ZIP: 97701	CLIENT: Parametrix, Inc. CONTACT: Adam Romey INQUIRY #: 7449863.5s DATE: 09/25/23
---	--

MAPPED SITES SUMMARY - FOCUS MAP 8

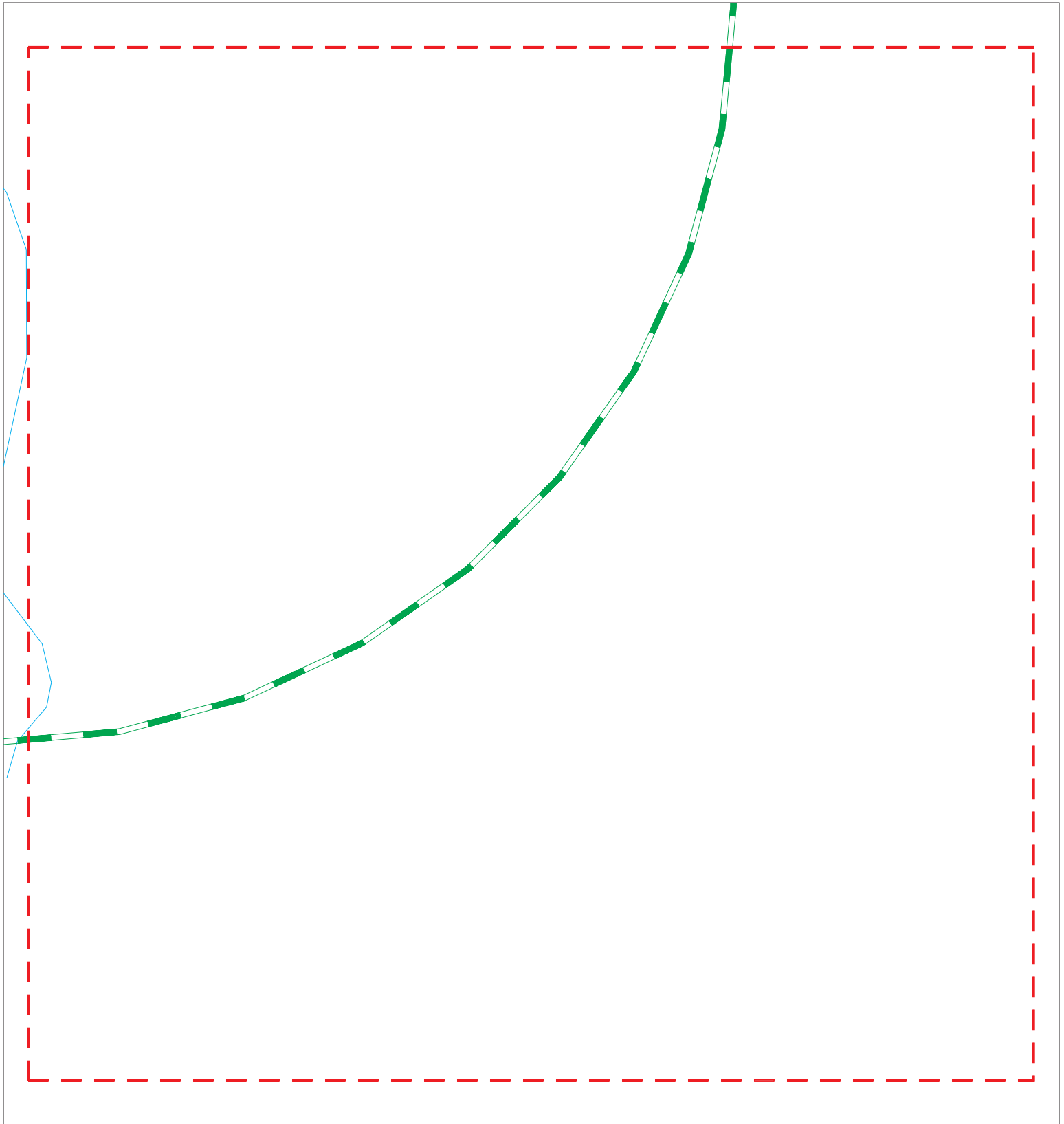
Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

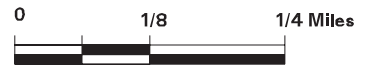
---

NO MAPPED SITES FOUND

# Focus Map - 9 - 7449863.5s



- ▲ Sites
- ▲ Focus Map - Sites
- Indian Reservations BIA
- ▲ Target Property
- ▲ National Priority List Sites
- ▲ Search Buffer
- ▲ Dept. Defense Sites
- ▲ Focus Map - No Sites
- ▲ Areas of Concern



SITE NAME: Moon Pit ADDRESS: Moon Pit CITY/STATE: Bend OR ZIP: 97701	CLIENT: Parametrix, Inc. CONTACT: Adam Romey INQUIRY #: 7449863.5s DATE: 09/25/23
---	--

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:  
MOON PIT  
BEND, OR 97701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A1**         **MOON MINING CLAIM**  
**Target**  
**Property**   **DESCHUTES (County), OR**

**MINES MRDS**   **1025557665**  
**N/A**

**Site 1 of 2 in cluster A**

<b>Actual:</b> 3581 ft.	MINES MRDS:	
<b>Focus Map:</b> 5	Name:	MOON MINING CLAIM
	Address:	Not reported
	Deposit identification Number:	10054777
	City, State, Zip:	OREGON
	URL:	<a href="https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10054777">https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10054777</a>
	MRDS Identification Number:	OR07902
	MAS/MILS Identification Number:	Not reported
	Region:	NA
	Country:	United States
	Primary Commodities:	Sand and Gravel, Construction
	Secondary Commodities:	Not reported
	Tertiary Commodities:	Not reported
	Operation Type:	Unknown
	Deposit Type:	Not reported
	Production Size:	Y - Yes, production has occurred
	Development Status:	Past Producer
	Ore Minerals or Materials:	Not reported
	Gangue Minerals or Materials:	Not reported
	Other Minerals or Materials:	Not reported
	Ore Body Form:	Not reported
	Workings Type:	Not reported
	Mineral Deposit Model:	Not reported
	Alteration Processes:	Not reported
	Concentration Processes:	Not reported
	Previous Names:	Not reported
	Ore Controls:	Not reported
	Reporter:	Gray, Jerry J.
	Host Rock Unit Name:	Not reported
	Host Rock Type:	Not reported
	Associated Rock Unit Name:	Not reported
	Associated Rock Type Code:	Not reported
	Structural Characteristics:	Not reported
	Tectonic Setting:	Not reported
	References:	Not reported
	First Production Year:	Not reported
	Began Before/After FPY:	Not reported
	Last Production Year:	Not reported
	Ended Before/After LPY:	Not reported
	Year Discovered:	Not reported
	Found Before/After YD:	Not reported
	Production History:	Not reported
	Discovery Information:	Not reported
	Latitude:	43.95594
	Longitude:	-121.00861



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A2**            **MOON MINING CLAIM**  
**Target**  
**Property**    **DESCHUTES (County), OR**

**MINES MRDS**    **1025703105**  
**N/A**

**Site 2 of 2 in cluster A**

<b>Actual:</b> <b>3581 ft.</b>	<b>MINES MRDS:</b>	
<b>Focus Map:</b> <b>5</b>	Name:	MOON MINING CLAIM
	Address:	Not reported
	Deposit identification Number:	10225892
	City, State, Zip:	OREGON
	URL:	<a href="https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10225892">https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10225892</a>
	MRDS Identification Number:	OR07902
	MAS/MILS Identification Number:	0410170166
	Region:	NA
	Country:	United States
	Primary Commodities:	Sand and Gravel, Construction
	Secondary Commodities:	Not reported
	Tertiary Commodities:	Not reported
	Operation Type:	Surface
	Deposit Type:	Not reported
	Production Size:	Not reported
	Development Status:	Producer
	Ore Minerals or Materials:	Not reported
	Gangue Minerals or Materials:	Not reported
	Other Minerals or Materials:	Not reported
	Ore Body Form:	Not reported
	Workings Type:	Not reported
	Mineral Deposit Model:	Not reported
	Alteration Processes:	Not reported
	Concentration Processes:	Not reported
	Previous Names:	Not reported
	Ore Controls:	Not reported
	Reporter:	Ridenour, James
	Host Rock Unit Name:	Not reported
	Host Rock Type:	Not reported
	Associated Rock Unit Name:	Not reported
	Associated Rock Type Code:	Not reported
	Structural Characteristics:	Not reported
	Tectonic Setting:	Not reported
	References:	Not reported
	First Production Year:	Not reported
	Began Before/After FPY:	Not reported
	Last Production Year:	Not reported
	Ended Before/After LPY:	Not reported
	Year Discovered:	Not reported
	Found Before/After YD:	Not reported
	Production History:	Not reported
	Discovery Information:	Not reported
	Latitude:	43.95593
	Longitude:	-121.00861

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B3** MOON PROPERTY  
**Target** 19S/14E/S1, 2, 12  
**Property** MILLICAN (NW OF), OR

**ECSI** S106780124  
N/A

**Site 1 of 2 in cluster B**

**Actual:** 3667 ft.  
**Focus Map:** 5

**ECSI:**  
Name: MOON PROPERTY  
Address: 19S/14E/S1, 2, 12  
City,State,Zip: MILLICAN (NW OF), OR  
State ID Number: 2037  
Brown ID: 0  
Study Area: False  
Region ID: 1  
Legislative ID: 0  
Investigation: Suspect  
FACA ID: 40539  
Further Action: 0  
Lat/Long (dms): 43 56 53.34 / -120 59 41.79  
County Code: 9.00  
Score Value: 0  
Cercelis ID: Not reported  
Township Coord.: 19.00  
Township Zone: S  
Range Coord: 14.00  
Range Zone: E  
Section Coord: 1  
Qtr Section: C  
Tax Lots: Not reported  
Size: 440 acres  
NPL: False  
Orphan: False  
Updated By: DCROUSE  
Update Date: 08/31/2009  
Created Date: 04/24/1997  
Decode For RegionID: Eastern Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: Suspect  
Decode For Legislative: Not reported

**Narrative:**

NARR ID: 5736806  
NARR Code: Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcID: Contamination  
NARR Comments: (4/24/97 DMC/SAS) No release reported; site is in the system for tracking purposes.

NARR ID: 5736807  
NARR Code: Data Sources  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcID: Data Sources  
NARR Comments: Correspondence from James E. Bussard, Consulting Engineer, to DEQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOON PROPERTY (Continued)**

**S106780124**

(2/17/93).

NARR ID: 5736808  
NARR Code: Hazardous Substance/Waste Types  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Hazardous Substance/Waste Types  
NARR Comments: unknown

NARR ID: 5736809  
NARR Code: Site Location  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Site Location  
NARR Comments: 18 miles southeast of Bend (site is northeast of Hwy 20); also in sections 2 and 12.

NARR ID: 5736810  
NARR Code: Manner of Release  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Manner of Release  
NARR Comments: Unknown; no release information to date.

**Administrative Action:**

Action ID: 9424  
Region: Eastern Region  
Complete Date: Not reported  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Eastern Region  
Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9508  
Region: Eastern Region  
Complete Date: 04/24/1997  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Eastern Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Site Screening recommended (EV)  
Further Action: 0  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOON PROPERTY (Continued)**

**S106780124**

Operations:

Operation Id: 133308  
Operation Status: Unknown  
Common Name: Moon Property  
Yrs of Operation: Unknown.  
Comments: Unknown; possible use by military during WWII.  
Updated Date: 04/24/1997  
Updated By: dmc  
Decode for OpstatID: Unknown  
Operations SIC Id: 196451  
SIC Code: 9999  
Created By: Not reported  
Created Date: 12/17/2002

**B4** **MOON PROPERTY**  
**Target** **19S/14E/S1, 2, 12**  
**Property** **MILLICAN (NW OF), OR 0**

**FINDS** **1006853758**  
**N/A**

**Site 2 of 2 in cluster B**

**Actual:**  
**3667 ft.**

**FINDS:**  
Registry ID: 110014159392

**Focus Map:**  
**5**

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Oregon Department of Environmental Quality (DEQ) is a regulatory agency tasked with protecting 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.

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

Count: 0 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

#### **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: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## ***Lists of Federal Delisted NPL sites***

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: 06/22/2023  
Date Data Arrived at EDR: 07/06/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 18

Source: EPA  
Telephone: N/A  
Last EDR Contact: 09/01/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

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: 06/23/2023  
Date Data Arrived at EDR: 06/23/2023  
Date Made Active in Reports: 09/20/2023  
Number of Days to Update: 89

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 06/23/2023  
Next Scheduled EDR Contact: 10/09/2023  
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 known 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: 06/22/2023  
Date Data Arrived at EDR: 07/06/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 18

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 09/01/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (206) 553-1200
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 05/25/2023	Source: Department of the Navy
Date Data Arrived at EDR: 05/31/2023	Telephone: 843-820-7326
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/20/2023
	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: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 06/12/2023  
Date Data Arrived at EDR: 06/20/2023  
Date Made Active in Reports: 08/14/2023  
Number of Days to Update: 55

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 09/20/2023  
Next Scheduled EDR Contact: 01/01/2024  
Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

### **ECSI: Environmental Cleanup Site Information System**

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

Date of Government Version: 03/01/2023  
Date Data Arrived at EDR: 03/28/2023  
Date Made Active in Reports: 06/08/2023  
Number of Days to Update: 72

Source: Department of Environmental Quality  
Telephone: 503-229-6629  
Last EDR Contact: 06/26/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

### **CRL: Confirmed Release List and Inventory**

All facilities with a confirmed release.

Date of Government Version: 05/01/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 08/04/2023  
Number of Days to Update: 87

Source: Department of Environmental Quality  
Telephone: 503-229-6170  
Last EDR Contact: 08/08/2023  
Next Scheduled EDR Contact: 11/20/2023  
Data Release Frequency: Quarterly

## ***Lists of state and tribal landfills and solid waste disposal facilities***

### **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: 01/13/2023  
Date Data Arrived at EDR: 01/13/2023  
Date Made Active in Reports: 04/04/2023  
Number of Days to Update: 81

Source: Department of Environmental Quality  
Telephone: 503-229-6299  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Semi-Annually

## ***Lists of state and tribal leaking storage tanks***

### **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: 04/03/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 08/04/2023  
Number of Days to Update: 87

Source: Department of Environmental Quality  
Telephone: 503-229-5790  
Last EDR Contact: 08/09/2023  
Next Scheduled EDR Contact: 11/20/2023  
Data Release Frequency: Quarterly

### **INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Florida, Mississippi and North Carolina.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 05/09/2023  
Next Scheduled EDR Contact: 10/30/2023  
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: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 07/17/2023  
Next Scheduled EDR Contact: 10/30/2023  
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: 04/26/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 07/17/2023  
Next Scheduled EDR Contact: 10/30/2023  
Data Release Frequency: Varies

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

Date of Government Version: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/17/2023  
Next Scheduled EDR Contact: 10/30/2023  
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: 04/14/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 07/17/2023  
Next Scheduled EDR Contact: 10/30/2023  
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: 04/19/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/17/2023  
Next Scheduled EDR Contact: 10/30/2023  
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: 04/19/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 07/17/2023  
Next Scheduled EDR Contact: 10/30/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

## ***Lists of state and tribal registered storage tanks***

FEMA UST: Underground Storage Tank Listing  
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 06/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/16/2023
	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: 04/03/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/09/2023	Telephone: 503-229-5815
Date Made Active in Reports: 08/04/2023	Last EDR Contact: 08/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks  
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 10/20/2022	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 11/30/2022	Telephone: 503-378-3473
Date Made Active in Reports: 02/17/2023	Last EDR Contact: 07/19/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/06/2023
	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: 04/20/2023	Source: EPA Region 4
Date Data Arrived at EDR: 05/09/2023	Telephone: 404-562-9424
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	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: 04/20/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6137
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/25/2023	Source: EPA Region 7
Date Data Arrived at EDR: 05/09/2023	Telephone: 913-551-7003
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	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: 04/20/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 05/09/2023	Telephone: 617-918-1313
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	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: 04/14/2023	Source: EPA Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-6136
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	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: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-7591
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	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: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	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: 04/19/2023	Source: EPA Region 9
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3368
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 03/01/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/28/2023	Telephone: 503-229-5193
Date Made Active in Reports: 06/08/2023	Last EDR Contact: 06/26/2023
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/09/2023
	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: 03/01/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/28/2023	Telephone: 503-229-5193
Date Made Active in Reports: 06/08/2023	Last EDR Contact: 06/26/2023
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

## ***Lists of state and tribal voluntary cleanup sites***

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/12/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Varies

### 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: 08/16/2022	Source: DEQ
Date Data Arrived at EDR: 09/26/2022	Telephone: 503-229-5256
Date Made Active in Reports: 12/12/2022	Last EDR Contact: 09/22/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/08/2024
	Data Release Frequency: Quarterly

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## ***Lists of state and tribal brownfield sites***

### BROWNFIELDS: Brownfields Projects

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 08/04/2023  
Number of Days to Update: 87

Source: Department of Environmental Quality  
Telephone: 503-229-6801  
Last EDR Contact: 08/08/2023  
Next Scheduled EDR Contact: 11/20/2023  
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: 04/06/2023  
Date Data Arrived at EDR: 04/13/2023  
Date Made Active in Reports: 04/19/2023  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 08/30/2023  
Next Scheduled EDR Contact: 12/25/2023  
Data Release Frequency: Semi-Annually

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

#### **SWRCY: Recycling Facility Location Listing**

A listing of recycling facility locations.

Date of Government Version: 05/22/2023  
Date Data Arrived at EDR: 05/24/2023  
Date Made Active in Reports: 08/16/2023  
Number of Days to Update: 84

Source: Department of Environmental Quality  
Telephone: 503-229-5353  
Last EDR Contact: 08/22/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Quarterly

#### **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

#### **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: 07/19/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Varies

#### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

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

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/11/2023  
Next Scheduled EDR Contact: 10/30/2023  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## 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 Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 07/27/2023  
Next Scheduled EDR Contact: 11/13/2023  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### 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: 01/01/2002  
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

### 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: 05/22/2023  
Date Data Arrived at EDR: 05/23/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 48

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/21/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: No Update Planned

### 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: 05/01/2023  
Date Data Arrived at EDR: 05/03/2023  
Date Made Active in Reports: 07/27/2023  
Number of Days to Update: 85

Source: Department of Consumer & Business Services  
Telephone: 503-378-4133  
Last EDR Contact: 08/01/2023  
Next Scheduled EDR Contact: 11/13/2023  
Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CDL 2: Clandestine Drug Lab Site Listing

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

Date of Government Version: 04/01/2023	Source: Oregon State Police
Date Data Arrived at EDR: 04/26/2023	Telephone: 503-373-1540
Date Made Active in Reports: 07/21/2023	Last EDR Contact: 07/26/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/06/2023
	Data Release Frequency: Varies

## 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: 05/22/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/23/2023	Telephone: 202-307-1000
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/04/2023
	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: 06/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	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: 06/19/2023	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/23/2023	Telephone: 202-366-4555
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

### SPILLS: Spill Data

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

Date of Government Version: 03/30/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/30/2023	Telephone: 503-229-5815
Date Made Active in Reports: 06/15/2023	Last EDR Contact: 09/08/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/08/2024
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2023  
Date Data Arrived at EDR: 04/26/2023  
Date Made Active in Reports: 07/21/2023  
Number of Days to Update: 86

Source: State Fire Marshal's Office  
Telephone: 503-373-1540  
Last EDR Contact: 07/26/2023  
Next Scheduled EDR Contact: 11/06/2023  
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: 07/24/2023  
Date Data Arrived at EDR: 07/31/2023  
Date Made Active in Reports: 08/14/2023  
Number of Days to Update: 14

Source: Environmental Protection Agency  
Telephone: (206) 553-1200  
Last EDR Contact: 09/20/2023  
Next Scheduled EDR Contact: 01/01/2024  
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: 05/08/2023  
Date Data Arrived at EDR: 05/16/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 08/15/2023  
Next Scheduled EDR Contact: 11/27/2023  
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: 06/07/2021  
Date Data Arrived at EDR: 07/13/2021  
Date Made Active in Reports: 03/09/2022  
Number of Days to Update: 239

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 07/10/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

### 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: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 08/01/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/20/2023
	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: 06/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2023	Telephone: 202-566-1917
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/01/2024
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/31/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/13/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/03/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/13/2023
	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: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 09/15/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: Every 4 Years

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 08/18/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 11/27/2023
	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: 04/17/2023	Source: EPA
Date Data Arrived at EDR: 04/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 07/18/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 10/30/2023
	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: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 703-416-0223
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/11/2023
	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: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 06/12/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 10/30/2023
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/13/2023
	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: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/07/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/16/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/16/2023
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## 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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## 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: 07/20/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/01/2023	Telephone: 301-415-7169
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 07/12/2023
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 12/11/2023
	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: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/28/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/11/2023
	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: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/13/2023
	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: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/08/2024
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/25/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Quarterly

## 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: 03/31/2023  
Date Data Arrived at EDR: 04/20/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
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: 12/31/2021  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 09/20/2023  
Next Scheduled EDR Contact: 01/01/2024  
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: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
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: 03/03/2023  
Date Data Arrived at EDR: 03/03/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 98

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 07/26/2023  
Next Scheduled EDR Contact: 11/13/2023  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/10/2023  
Next Scheduled EDR Contact: 11/27/2023  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023  
Date Data Arrived at EDR: 07/06/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 18

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 09/01/2023  
Next Scheduled EDR Contact: 10/09/2023  
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 1931 and 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

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023  
Date Data Arrived at EDR: 04/04/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 11/20/2023  
Data Release Frequency: Quarterly

## 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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/2023  
Date Data Arrived at EDR: 05/24/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/22/2023  
Next Scheduled EDR Contact: 12/04/2023  
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: 01/07/2022  
Date Data Arrived at EDR: 02/24/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 82

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/24/2023  
Next Scheduled EDR Contact: 12/04/2023  
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: 08/24/2023  
Next Scheduled EDR Contact: 12/04/2023  
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: 06/13/2023  
Date Data Arrived at EDR: 06/14/2023  
Date Made Active in Reports: 08/14/2023  
Number of Days to Update: 61

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 09/12/2023  
Next Scheduled EDR Contact: 12/18/2023  
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: 05/04/2023  
Date Data Arrived at EDR: 05/25/2023  
Date Made Active in Reports: 07/24/2023  
Number of Days to Update: 60

Source: EPA  
Telephone: (206) 553-1200  
Last EDR Contact: 08/29/2023  
Next Scheduled EDR Contact: 12/11/2023  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021  
Date Data Arrived at EDR: 10/20/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 82

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 03/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2023	Telephone: 202-564-2280
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 06/29/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/15/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023	Source: EPA
Date Data Arrived at EDR: 05/17/2023	Telephone: 800-385-6164
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 08/15/2023
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/07/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/08/2023	Telephone: 703-603-8895
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 1	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

## PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 71	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

### PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 07/19/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 11/06/2023
	Data Release Frequency: Varies

### PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

### PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

### PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023  
Date Data Arrived at EDR: 04/27/2023  
Date Made Active in Reports: 05/02/2023  
Number of Days to Update: 5

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS: PFAS Site Contamination Listing

Site locations where pfas contamination has been detected.

Date of Government Version: 07/19/2023  
Date Data Arrived at EDR: 07/20/2023  
Date Made Active in Reports: 08/16/2023  
Number of Days to Update: 27

Source: Department of Environmental Quality  
Telephone: 503-229-6783  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AQUEOUS FOAM: AFFF Contamination Site Listing

Site locations with aqueous film-forming foam use and environmental impact.

Date of Government Version: 01/12/2023  
Date Data Arrived at EDR: 01/13/2023  
Date Made Active in Reports: 04/04/2023  
Number of Days to Update: 81

Source: Department of Environmental Quality  
Telephone: 503-229-6783  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

## AIRS: Oregon Title V Facility Listing

A listing of Title V facility source and emissions information.

Date of Government Version: 06/26/2023  
Date Data Arrived at EDR: 06/27/2023  
Date Made Active in Reports: 09/20/2023  
Number of Days to Update: 85

Source: Department of Environmental Quality  
Telephone: 503-229-6459  
Last EDR Contact: 09/22/2023  
Next Scheduled EDR Contact: 01/08/2024  
Data Release Frequency: Annually

## COAL ASH: Coal Ash Disposal Sites Listing

A listing of coal ash disposal sites.

Date of Government Version: 12/31/2022  
Date Data Arrived at EDR: 03/15/2023  
Date Made Active in Reports: 06/01/2023  
Number of Days to Update: 78

Source: Department of Environmental Quality  
Telephone: 541-298-7255  
Last EDR Contact: 08/23/2023  
Next Scheduled EDR Contact: 12/11/2023  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaning Facilities

A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 04/10/2023  
Date Data Arrived at EDR: 04/21/2023  
Date Made Active in Reports: 07/13/2023  
Number of Days to Update: 83

Source: Department of Environmental Quality  
Telephone: 503-229-6783  
Last EDR Contact: 07/19/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Annually

## ENF: Enforcement Action Listing

Enforcement actions

Date of Government Version: 06/01/2023  
Date Data Arrived at EDR: 06/01/2023  
Date Made Active in Reports: 08/16/2023  
Number of Days to Update: 76

Source: Department of Environmental Quality  
Telephone: 503-229-5696  
Last EDR Contact: 09/13/2023  
Next Scheduled EDR Contact: 12/25/2023  
Data Release Frequency: Quarterly

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for hazardous waste facilities.

Date of Government Version: 09/21/2022  
Date Data Arrived at EDR: 11/29/2022  
Date Made Active in Reports: 12/05/2022  
Number of Days to Update: 6

Source: Department of Environmental Quality  
Telephone: 541-633-2011  
Last EDR Contact: 08/23/2023  
Next Scheduled EDR Contact: 12/11/2023  
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: 06/01/2023  
Date Data Arrived at EDR: 06/01/2023  
Date Made Active in Reports: 08/16/2023  
Number of Days to Update: 76

Source: Department of Environmental Quality  
Telephone: 503-229-5521  
Last EDR Contact: 08/10/2023  
Next Scheduled EDR Contact: 11/27/2023  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/24/2023  
Date Data Arrived at EDR: 04/26/2023  
Date Made Active in Reports: 07/21/2023  
Number of Days to Update: 86

Source: State Fire Marshal's Office  
Telephone: 503-373-1540  
Last EDR Contact: 07/26/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Semi-Annually

## OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 07/28/2021  
Date Made Active in Reports: 10/21/2021  
Number of Days to Update: 85

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 07/27/2023  
Next Scheduled EDR Contact: 11/13/2023  
Data Release Frequency: Annually

## NPDES: Wastewater Permits Database

A listing of permitted wastewater facilities.

Date of Government Version: 05/04/2023  
Date Data Arrived at EDR: 05/04/2023  
Date Made Active in Reports: 07/31/2023  
Number of Days to Update: 88

Source: Department of Environmental Quality  
Telephone: 503-229-5657  
Last EDR Contact: 07/27/2023  
Next Scheduled EDR Contact: 11/13/2023  
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: 09/30/2022  
Date Data Arrived at EDR: 10/04/2022  
Date Made Active in Reports: 12/20/2022  
Number of Days to Update: 77

Source: Department of Environmental Quality  
Telephone: 503-229-5945  
Last EDR Contact: 09/13/2023  
Next Scheduled EDR Contact: 01/01/2024  
Data Release Frequency: Quarterly

## PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023  
Date Data Arrived at EDR: 06/08/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 1

Source: Environmental Protection Agency  
Telephone: 202-566-0250  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 98

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 08/24/2023  
Next Scheduled EDR Contact: 12/04/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/18/2023	Telephone: 202-564-4700
Date Made Active in Reports: 08/28/2023	Last EDR Contact: 07/18/2023
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 06/27/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: No Update Planned

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 06/27/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA 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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/27/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 179	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/01/2019  
Date Data Arrived at EDR: 10/29/2021  
Date Made Active in Reports: 01/19/2022  
Number of Days to Update: 82

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 07/27/2023  
Next Scheduled EDR Contact: 11/06/2023  
Data Release Frequency: Quarterly

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 08/30/2023  
Next Scheduled EDR Contact: 12/18/2023  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Data  
Source: Oregon Geospatial Enterprise Office  
Telephone: 503-378-2166

## **STREET AND ADDRESS INFORMATION**

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# **Appendix B**

## Historical Aerial Photographs

1943

1951



1951





1953



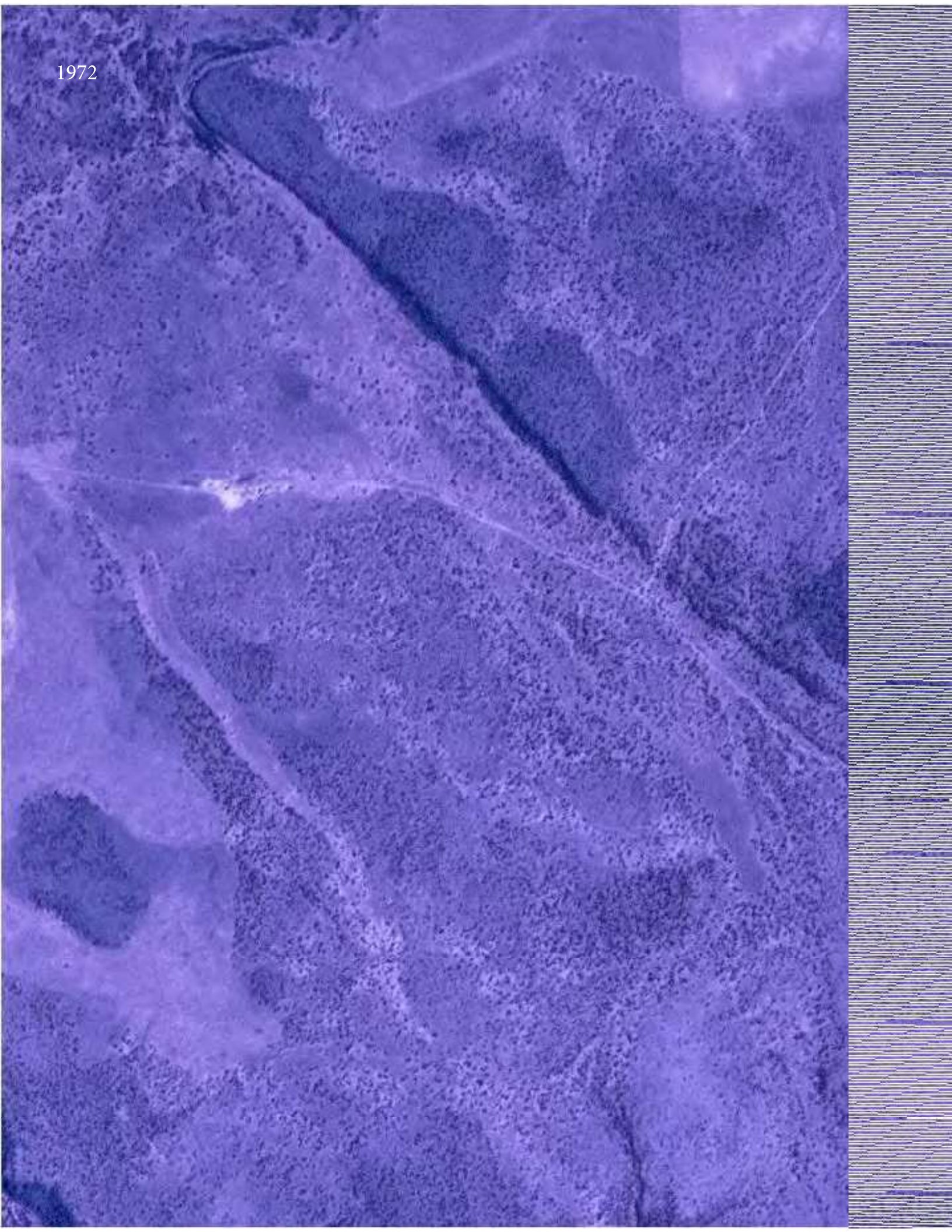


1963





1972





1980









1994





2000





2009





2012





2016





2020





# **Appendix C**

## Historical Topographic Maps

Moon Pit

Moon Pit

Bend, OR 97701

Inquiry Number: 7449863.1

September 25, 2023

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

09/25/23

**Site Name:**

Moon Pit  
Moon Pit  
Bend, OR 97701  
EDR Inquiry # 7449863.1

**Client Name:**

Parametrix, Inc.  
700 NE Multnomah  
Portland, OR 97232  
Contact: Adam Romey



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Parametrix, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:**

**Coordinates:**

<b>P.O.#</b>	5532509011	<b>Latitude:</b>	43.94857 43° 56' 55" North
<b>Project:</b>	Deschutes SWMF Siting	<b>Longitude:</b>	-120.9988 -120° 59' 56" West
		<b>UTM Zone:</b>	Zone 10 North
		<b>UTM X Meters:</b>	660584.21
		<b>UTM Y Meters:</b>	4868107.35
		<b>Elevation:</b>	3649.60' above sea level

**Maps Provided:**

2020  
2017  
2014  
1981  
1967  
1935

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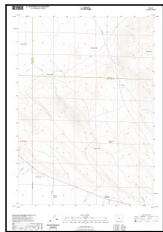
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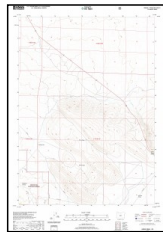
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2020 Source Sheets

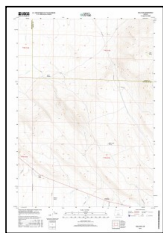


Millican  
2020  
7.5-minute, 24000

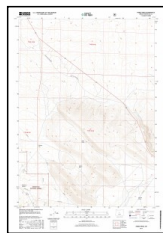


Horse Ridge  
2020  
7.5-minute, 24000

### 2017 Source Sheets

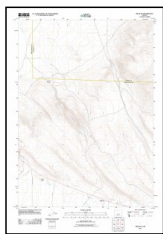


Millican  
2017  
7.5-minute, 24000

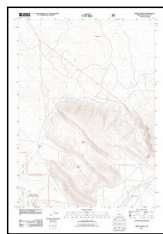


Horse Ridge  
2017  
7.5-minute, 24000

### 2014 Source Sheets



Millican  
2014  
7.5-minute, 24000



Horse Ridge  
2014  
7.5-minute, 24000

### 1981 Source Sheets



Horse Ridge  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1979

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1967 Source Sheets**



Millican  
1967  
7.5-minute, 24000  
Aerial Photo Revised 1963

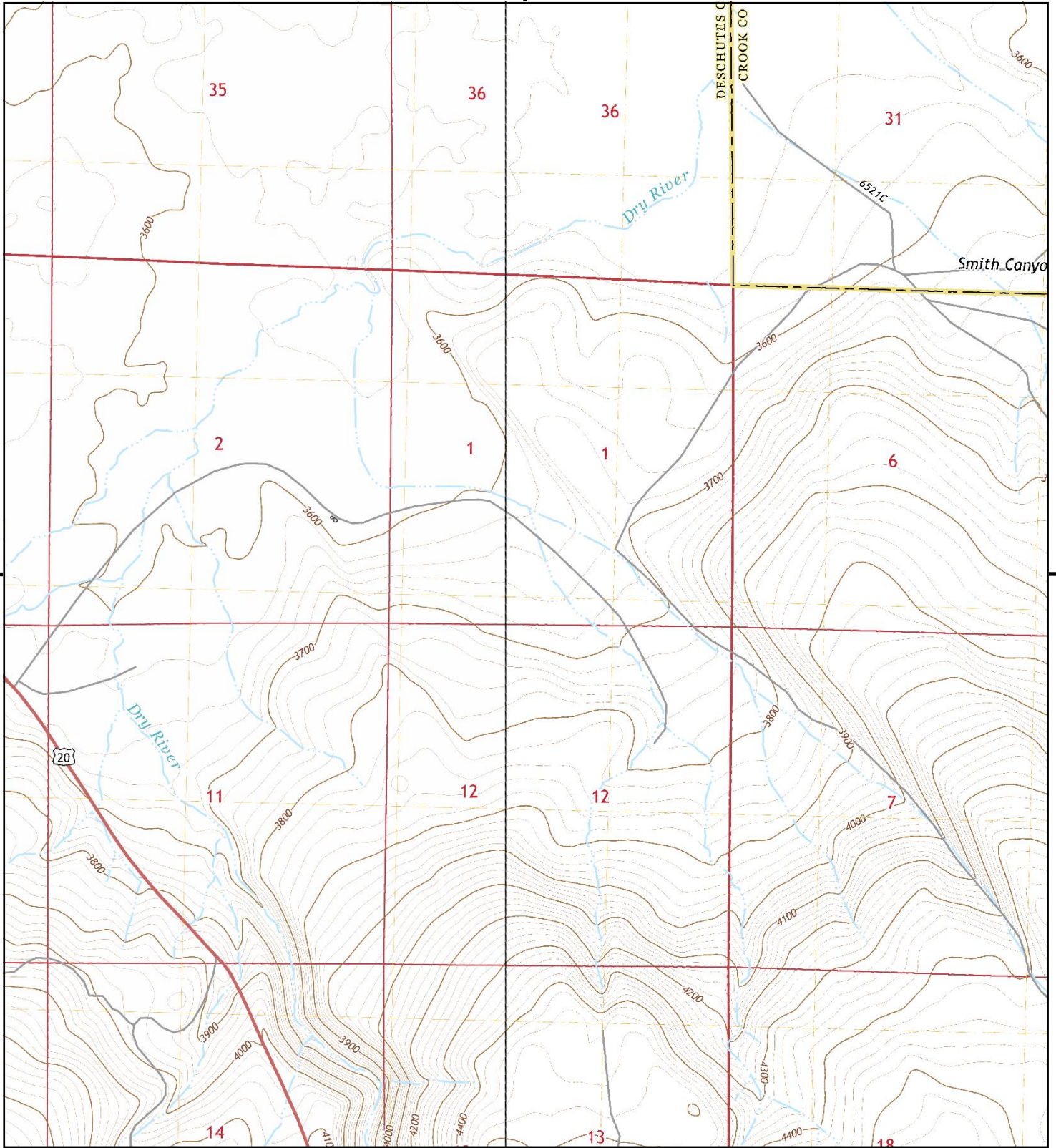


Horse Ridge  
1967  
7.5-minute, 24000  
Aerial Photo Revised 1963

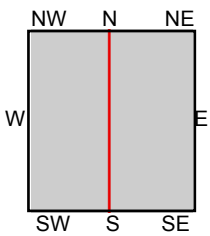
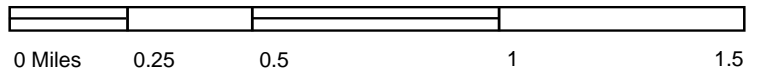
### **1935 Source Sheets**



Newberry Crater  
1935  
30-minute, 125000



This report includes information from the following map sheet(s).

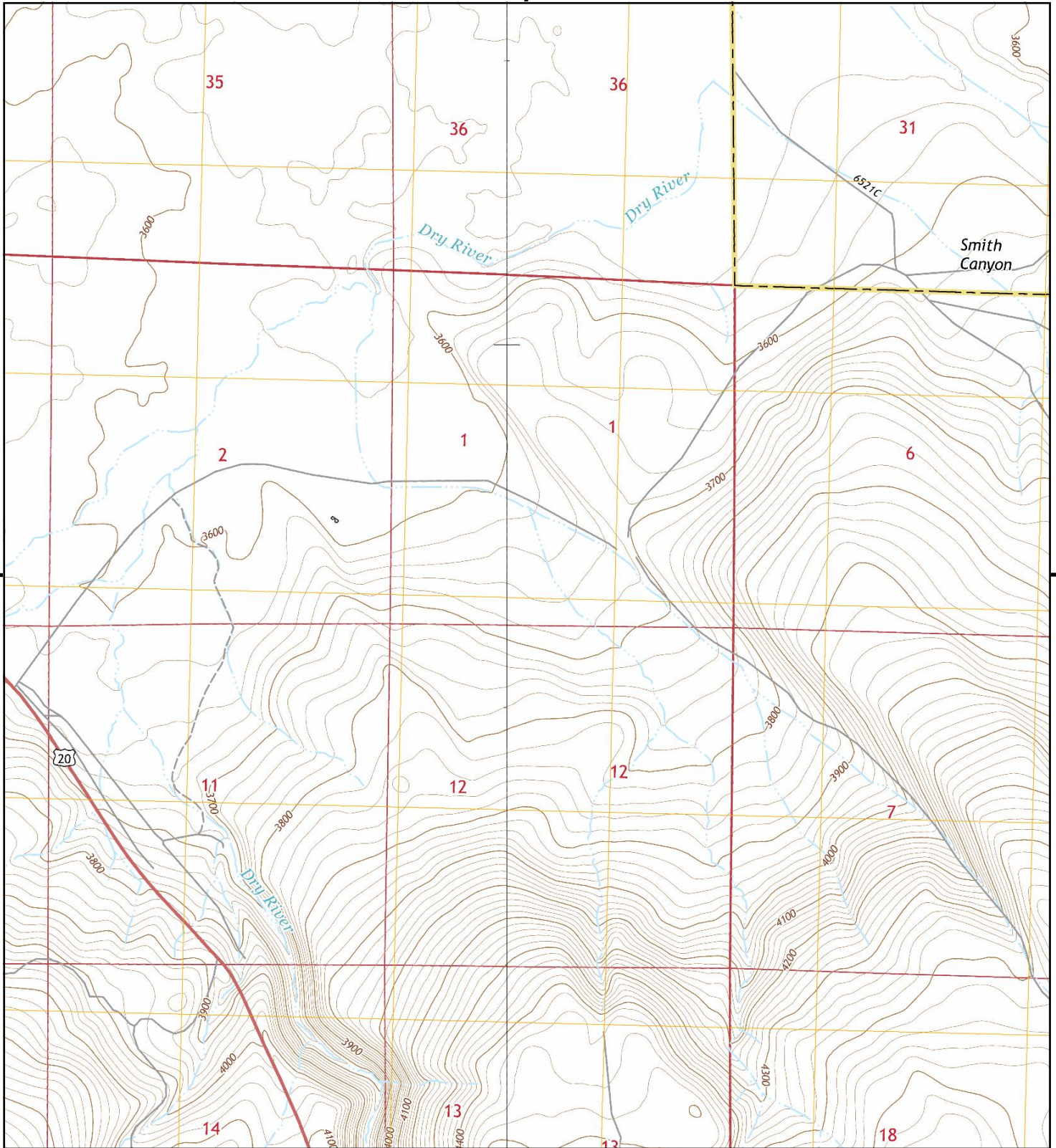


TP, Millican, 2020, 7.5-minute  
W, Horse Ridge, 2020, 7.5-minute

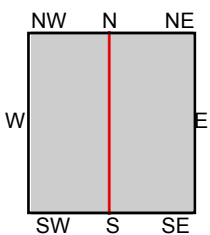
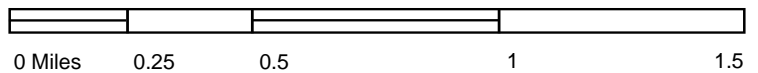
**SITE NAME:** Moon Pit  
**ADDRESS:** Moon Pit  
Bend, OR 97701  
**CLIENT:** Paramatrix, Inc.







This report includes information from the following map sheet(s).

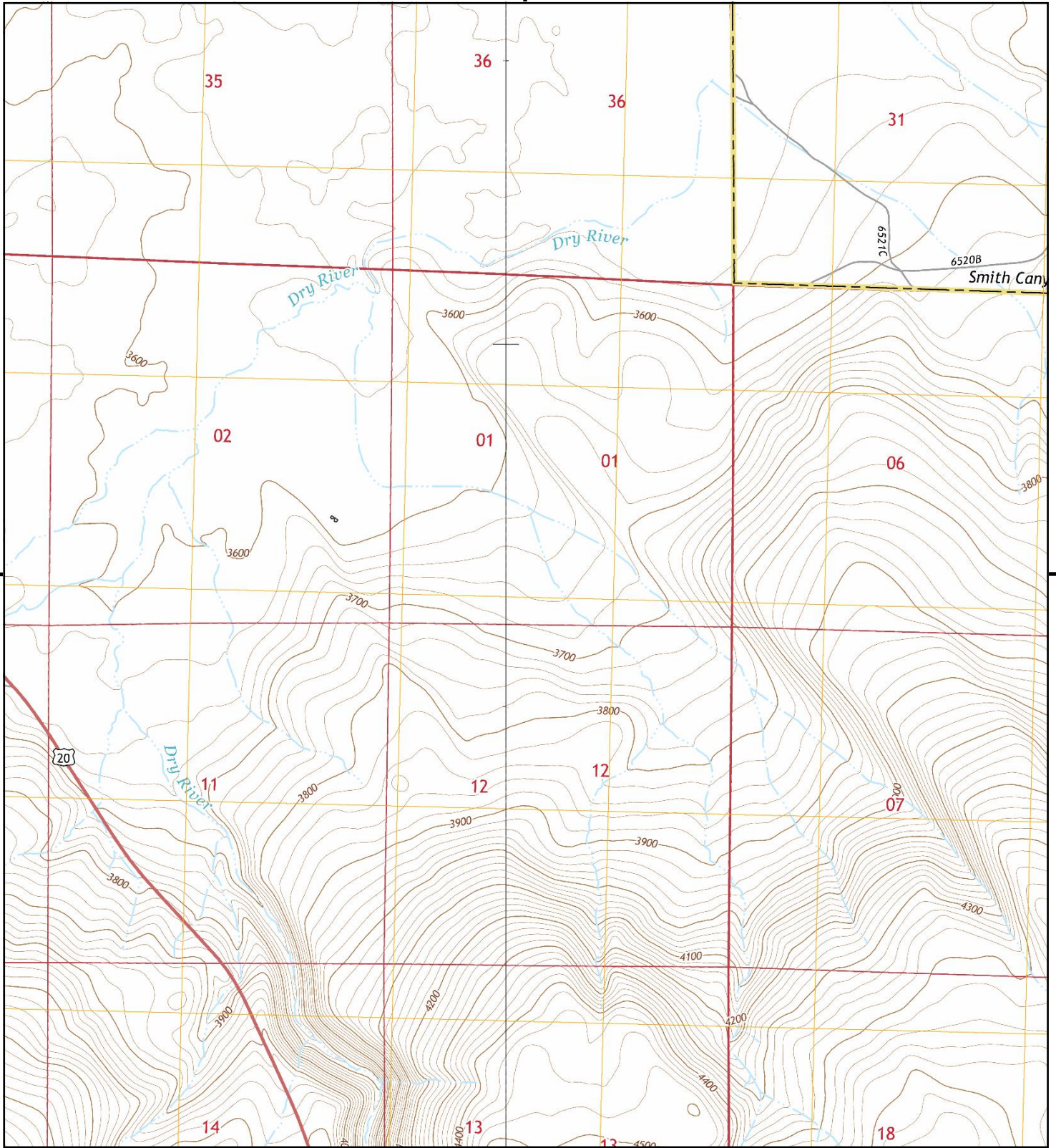


TP, Millican, 2017, 7.5-minute  
W, Horse Ridge, 2017, 7.5-minute

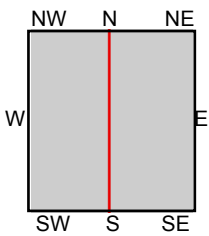
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**ADDRESS:** Moon Pit  
Bend, OR 97701  
**CLIENT:** Parametrix, Inc.







This report includes information from the following map sheet(s).

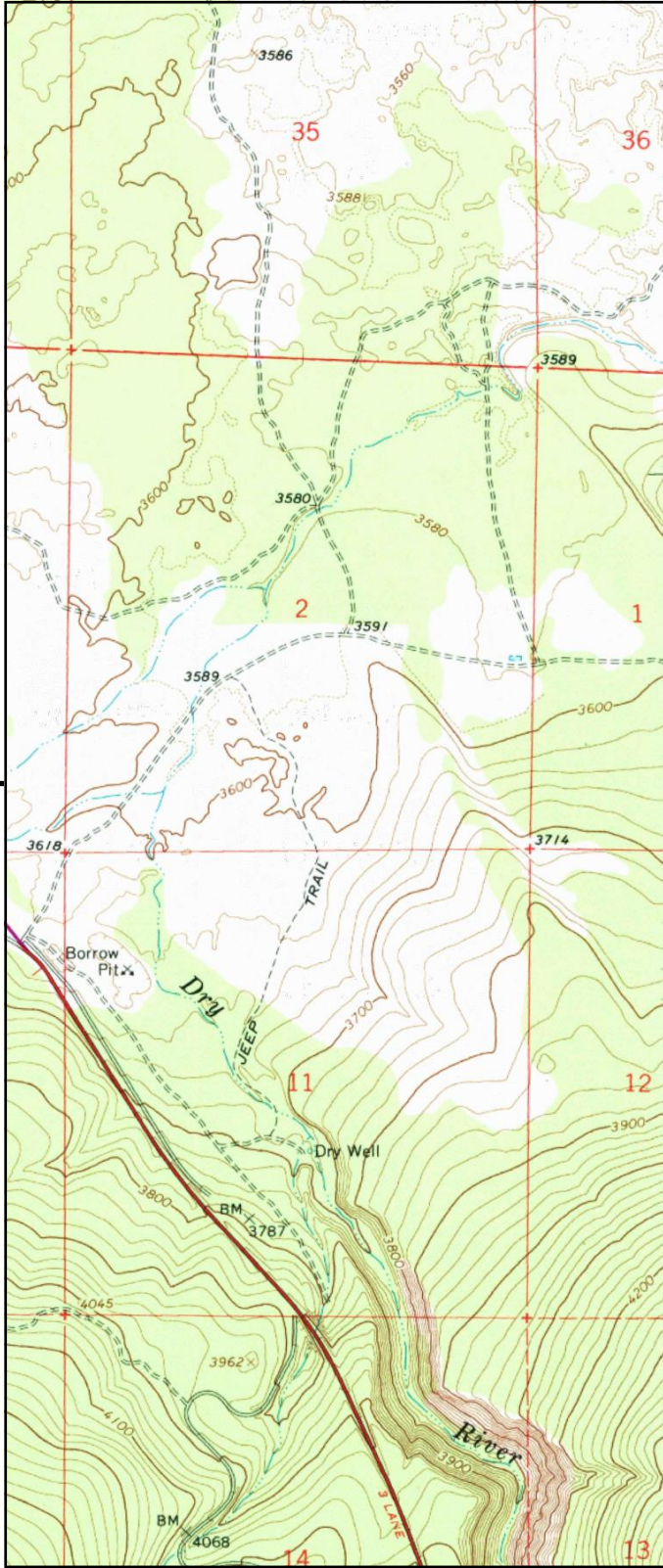


TP, Millican, 2014, 7.5-minute  
W, Horse Ridge, 2014, 7.5-minute

**SITE NAME:** Moon Pit  
**ADDRESS:** Moon Pit  
Bend, OR 97701  
**CLIENT:** Parametrix, Inc.

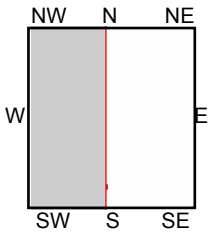
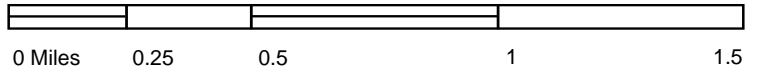






UNMAPPED	UNMAPPED	UNMAPPED
UNMAPPED	UNMAPPED	UNMAPPED
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UNMAPPED	UNMAPPED	UNMAPPED

This report includes information from the following map sheet(s).

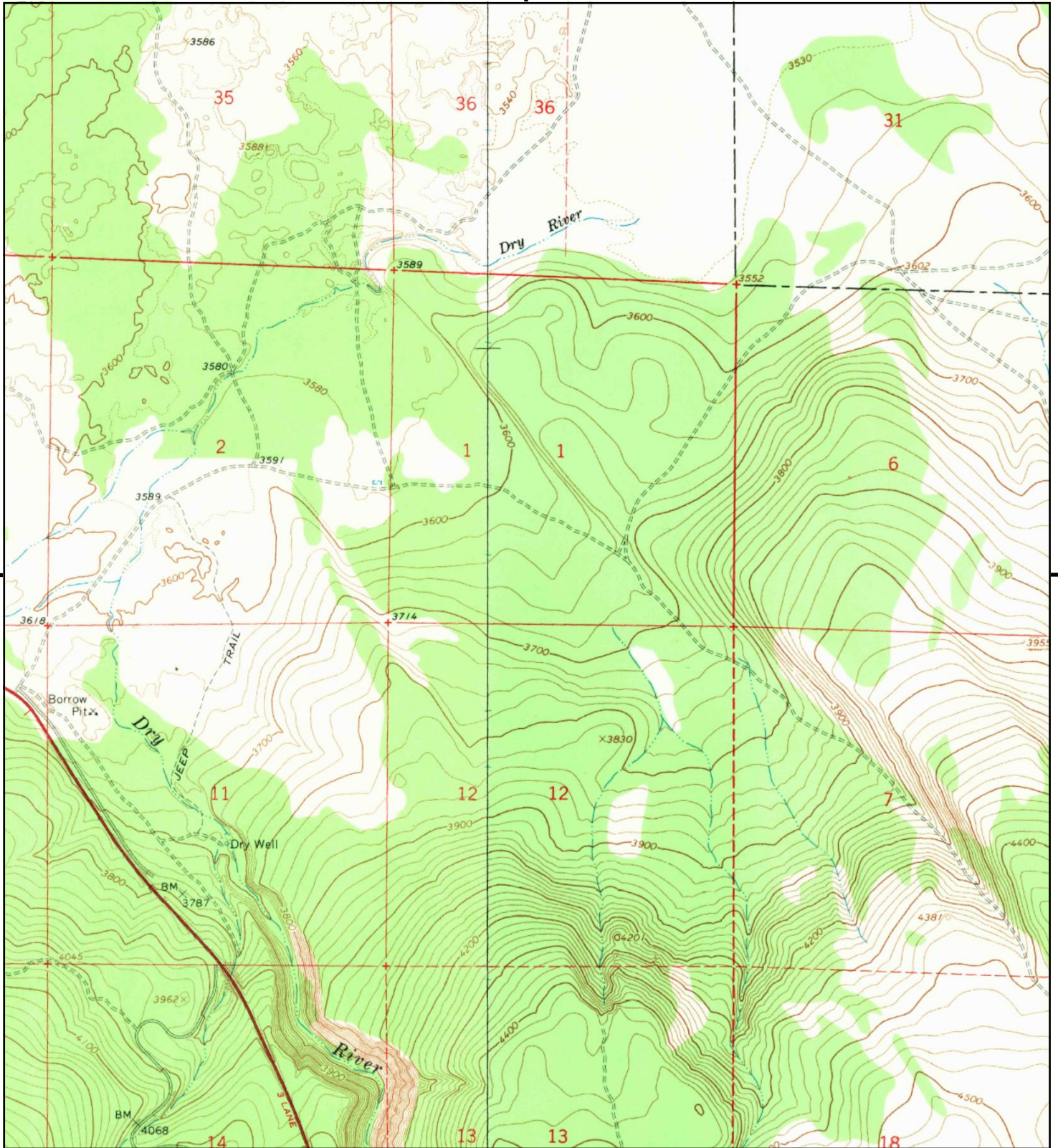


W, Horse Ridge, 1981, 7.5-minute

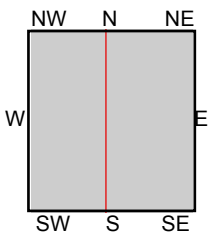
SITE NAME: Moon Pit  
 ADDRESS: Moon Pit  
 Bend, OR 97701  
 CLIENT: Parametrix, Inc.







This report includes information from the following map sheet(s).

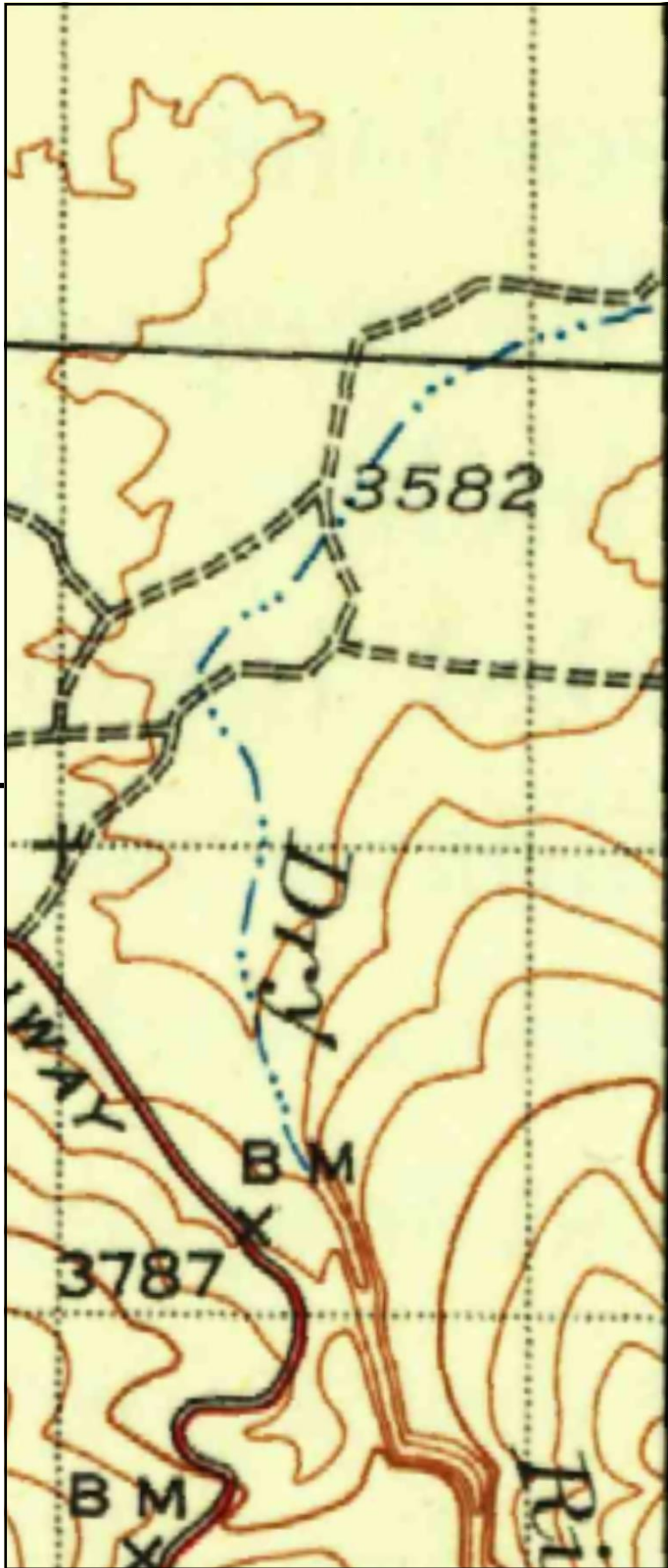


TP, Millican, 1967, 7.5-minute  
W, Horse Ridge, 1967, 7.5-minute

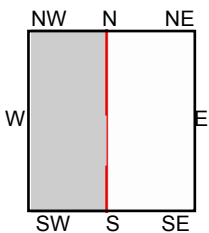
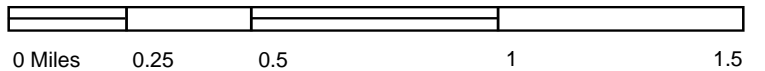
SITE NAME: Moon Pit  
ADDRESS: Moon Pit  
Bend, OR 97701  
CLIENT: Parametrix, Inc.







This report includes information from the following map sheet(s).



SW, Newberry Crater, 1935, 30-minute

SITE NAME: Moon Pit  
 ADDRESS: Moon Pit  
 Bend, OR 97701  
 CLIENT: Parametrix, Inc.



# **Appendix D**

## Site Photographs



**Photograph 1. Representative view of the subject property.**



**Photograph 2. Representative view of the subject property.**





**Photograph 3. Large diesel AST within containment.**



**Photograph 4. Small AST with staining.**





**Photograph 5. Oil tank and staining in boneyard.**



**Photograph 6. Boneyard.**





**Photograph 7. Infrastructure at entrance.**



**Photograph 8. Former residence.**