



## **PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

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*Property Identification:*

**SW PACIFIC HIGHWAY LOT  
17165 SW PACIFIC HWY  
KING CITY, OREGON 97224**

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## **EXECUTIVE SUMMARY**

Alpha Environmental Services, Inc. (Alpha) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations accepted by Habitat for Humanity Portland Region for the SW Pacific Highway Lot located at 17165 SW Pacific Hwy, King City, OR 97224 (the Property).

The Phase I ESA is designed to provide Habitat for Humanity Portland Region with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the Property. This assessment was conducted utilizing generally accepted ESA industry standards in accordance with the All Appropriate Inquiry (AAI) process, American Society for Testing and Materials (ASTM) E 1527-13, Standard Practice for Environmental Site Assessments: Phase I ESA Process, and Alpha's contracted scope of work for the Phase I ESA.

### **Property Overview**

The Property consists of a rectangle-shaped parcel approximately 1.08 acres in size. At the time of this assessment the Property was free of any improvements and not being utilized for any particular purpose.

Access to the parcel is provided via a graveled driveway from SW Pacific Highway to the east.

The Property is flat and is at an approximate elevation of 167 feet above mean sea level. Based upon topographic map interpretation and site observations, groundwater beneath the site is presumed to flow to the south.

### **Historic Property Usage**

Historical records indicate that the Property appears to have been originally developed in the mid-1940s for residential use, which continued until the late 1990s when all the structures were removed; the Property has remained free of improvements since. The Property does not appear to have been utilized for any environmentally sensitive purposes.

According to historical city directories, the Property was used as a motel from at least 1970 through 1992.

### **Adjoining Sites**

The Property is situated within an urban area of Washington County, Oregon in King City. The Property is bound to the north by a fire station, to the east and south by multi-family residential sites and to the west by a substation. The surrounding area is composed mainly of residential properties with some commercial development along SW Pacific Highway.

### **Previous Reports**

A previous Phase I ESA was completed for the subject Property in July 2015. This Phase I ESA report was reviewed for this assessment. The previous report indicated that no RECs were discovered during the investigation and that no further investigation was recommended at that time.

No other environmental record sources were accessed for this report.

## Records Review

According to the regulatory database report from Environmental Data Resources, Inc. (EDR) and based on one or more of the following: distance from the Property, being located in a presumed downgradient/crossgradient groundwater direction relative to the Property, type of media impacted, and/or status reported by the regulatory agency, the offsite properties identified within the prescribed search radii represent a low environmental risk to the Property.

## Conclusions

Alpha performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Property. Any exceptions to or deletions from this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Property.

## Recommendations

Based on the information available at the time of this assessment, Alpha does not recommend further investigation of the Property at this time.

## Significant Elements of Investigation

The following table summarizes the significant elements of this investigation.

TABLE I: SIGNIFICANT ELEMENTS OF INVESTIGATION	Onsite	Offsite Adjoining
Issues Identified in Standard Environmental Record Sources	no	Yes
Fire Department underground storage tank (UST) permits	no	no
Aboveground storage tanks (ASTs) and USTs	no	Yes
Historic use of concern (drycleaners, auto repair facility, etc.)	no	Yes
Hazardous Materials and/or Petroleum Products	no	Yes
Unlabeled containers and/or drums	no	no
Evidence of Release (staining, etc.)	no	no
Polychlorinated Biphenyls (PCBs)	no	no
Landfills	no	no
Pits, ponds, lagoons, sumps, catch basins	no	no
Oil & Gas Wells	no	no
Radiological Hazards	no	no
Asbestos Containing Materials (ACM)	n/a	n/a
Radon	not tested	n/a
Lead-Based Paint	n/a	n/a
Other	n/a	n/a

n/a = not applicable

## **1.0 INTRODUCTION**

Alpha Environmental Services, Inc. (Alpha) was retained by Habitat for Humanity Portland Region to conduct a Phase I Environmental Site Assessment (ESA) of the SW Pacific Highway Lot located at 17165 SW Pacific Hwy, King City, OR 97224 (the Property). The protocol used for this assessment is in general conformance with the American Society for Testing and Materials (ASTM) Practice E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (American Society for Testing and Materials, 2013) and Alpha's scope of work for Phase I Environmental Site Assessments (ESAs).

For this assessment, a representative of Alpha, conducted a site reconnaissance to assess the possible presence of petroleum products and hazardous materials at the Property. Alpha's investigation included review of aerial photographs, reconnaissance of adjoining properties, background research, and review of available local, state, and federal regulatory records regarding the presence of petroleum products and/or hazardous materials at the Property and in the vicinity.

### **1.1 Purpose**

The purpose of this Phase I ESA was to identify existing or potential recognized environmental conditions (RECs) as defined by ASTM E 1527-13 (American Society for Testing and Materials, 2013) 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 material threat of a future release to the environment".

Alpha understands that the findings of this assessment will be used by Habitat for Humanity Portland Region to evaluate a pending financial transaction in connection with the Property.

### **1.2 Scope of Services**

The scope of work for this ESA is in accordance with Habitat for Humanity Portland Region Phase I ESA protocol and is in general accordance with the requirements of ASTM Standard E 1527-13. Alpha warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the scope of work. These methodologies are described as representing good commercial and customary practice for conducting a Phase I ESA of a property for the purpose of identifying RECs.

Please be advised that pursuant to the All Appropriate Inquiries (AAI) rules (40 CFR 312.20) and in conformance with the ASTM E 1327-13 Standard (American Society for Testing and Materials, 2013), Section 4.6; this report and its statements are valid for 180 days after the date of issuance. After 180 days and before one year of the date of issuance, a report update may be performed; after one year, a new full Phase 1 ESA is required for the Property.

No other warranties are implied or expressed.

### **1.3 Assumptions**

There is a possibility that even with the proper application of these methodologies there may exist on the Property conditions that could not be identified within the scope of the assessment or that were not reasonably identifiable from the available information. Alpha believes that the information obtained from the record review and the interviews concerning the Property is reliable. However, Alpha cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all-inclusive or comprehensive results, but rather to provide Habitat for Humanity Portland Region with information relating to the Property.

### **1.4 Limitations and Exceptions**

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E 1527-13. Specific limitations and exceptions to this ESA are set forth below:

#### **1.4.1 Data Gaps**

A data gap is defined in ASTM E 1527-13 as “a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information.”

No significant data gaps were encountered during this Phase I ESA.

#### **1.4.2 Data Failure**

A data failure is defined in ASTM E 1527-13 as “a failure to achieve the historical research objectives . . . even after reviewing the standard historical sources . . . that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.”

No significant data failures were encountered during this Phase I ESA.

### **1.5 User Responsibilities**

As outlined in ASTM E 1527-13, it is the responsibility of Habitat for Humanity Portland Region (the User) to provide the following pieces of information:

- Environmental clean-up liens and Activity Use Limitations (AULs): The User must search for environmental clean-up liens and AULs which include institutional controls (ICs) and engineering controls (ECs).
- Specialized knowledge: The User must consider specialized knowledge about the Property to identify conditions indicative of releases or threatened releases. The User should provide this information to Alpha prior to the site reconnaissance.
- Reasons for Significantly Lower Purchase Price: The User shall consider the relationship of purchase price to fair market value of Property. The User should inform Alpha if the User believes the purchase price of the Property is lower than fair market value due to contamination.

- Commonly Known or Reasonably Ascertainable Information: Commonly known or reasonably ascertainable information within the local community about the Property must be taken into account by the User. If the User is aware of any such information that is material to RECs in connection with the Property, the User should communicate such information to Alpha.

## **1.6 Special Terms and Conditions**

The scope of work performed is governed by Alpha's proposal dated Monday, February 14, 2022 and authorized by Habitat for Humanity Portland Region on Tuesday, February 15, 2022.

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by Habitat for Humanity Portland Region. No subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this Phase I ESA.

Some of the information provided in this report is based upon personal interviews and research of available documents, records, and maps held by the appropriate government and private agencies. This is subject to the limitations of historical documentation, availability, and accuracy of pertinent records and the personal recollections of those persons contacted.

## **1.7 Use Reliance**

All reports, both verbal and written, are for the benefit of Habitat for Humanity Portland Region. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of Alpha.

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, this report, and Alpha's *General Terms and Conditions for Professional Services Agreement*.

Continued viability of this report is subject to Section 4.6 of ASTM E 1527-13. If the ESA will be used by a different User other than the original User for whom the ESA was prepared, the third party must also satisfy the User's responsibilities in Section 4 and Section 6 of ASTM E 1527-13.

## 2.0 SITE DESCRIPTION

### 2.1 User Provided Information

Pursuant to ASTM E 1527-13, Alpha requested the following site information from Habitat for Humanity Portland Region (User of this report) and from the site contact.

TABLE 2: USER PROVIDED INFORMATION	PROVIDED BY USER	NOT PROVIDED BY USER	DISCUSSED BELOW	DOES NOT APPLY
2.1.1 Environmental Pre-Survey Questionnaire	X			
2.1.2 Title Records		X		
2.1.3 Environmental Liens or Activity and Use Limitation		X		
2.1.4 Specialized Knowledge		X		
2.1.5 Valuation Reduction for Environmental Issues				X
2.1.6 Identification of Key Site Manager	X			
2.1.7 Reason for Performing Phase 1 ESA	YES, SEE SECTION 1.1			
2.1.8 Prior Environmental Reports	X			

### 2.2 Location and Legal Description

The address of the Property is 17165 SW Pacific Hwy, King City, OR 97224. The Property is located in a mixed residential and commercial area of Washington County. According to the tax assessor, the assessor's parcel number of the Property is R523339 and the Property is owned by Willamette West Habitat for Humanity.

### 2.3 Property and Vicinity General Characteristics

The Property consists of a rectangle-shaped parcel approximately 1.08 acres in size. The Property is currently free of any improvements and not being utilized for any particular purpose.

Access to the Property parcel is provided from SW Pacific Highway to the east and from SW Versailles Road to the south.

### 2.4 Current Use of the Property

At the time of this assessment the Property was free of any improvements and not being utilized for any particular purpose.

## 2.5 Description of Property Utilities

The following table includes utilities currently at the Property.

<b>TABLE 3: PROPERTY UTILITIES</b>	<b>Provider/Source</b>	<b>Comments</b>
Electric	Not connected	
Gas	Not connected	
Water	Not connected	
Solid Waste Disposal	Not generated	
Sewer	Not connected	
Storm Water	Not connected	
Heat	N/A	
Hot Water	N/A	
Cooling	N/A	

## 2.6 Current Use of Adjoining Sites

Adjoining sites are those that share a common property line with the Property, or would share a property line if they were not separated by an easement or public thoroughfare. During the vicinity reconnaissance, Alpha observed the following land use on sites adjoining the Property:

- North:** The site adjoining to the north of the Property is occupied by the Tualatin Valley Fire & Rescue Station 35, King City, with residential development beyond.
- South:** Immediately adjoining to the south of the Property is SW Versailles Road with an apartment complex beyond.
- East:** Immediately adjoining to the east of the Property is Highway 99 with a multi-family residential site beyond.
- West:** The site adjoining to the west of the Property is occupied by a substation with residential development beyond.

## 2.7 Physical Setting

### 2.7.1 Topography

The United States Geological Survey (USGS), Beaverton, OR Quadrangle 7.5-minute series topographic map (United State Geological Service, 2020) was reviewed for this ESA. According to the contour lines on the topographic map, the Property is located at approximately 167 above mean sea level (MSL). The contour lines in the area of the Property indicate the area is sloping moderately to the south towards the Tualatin River.



### **2.7.2 Soils/Geology**

Based on the soil survey maps published by the United States Department of Agriculture (USDA) Soil Conservation Service (United States Department of Agriculture, 1977), the Property is mapped as Quatama loam, which is characterized with slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

The Property is located in the northwestern part of the Willamette Valley and consists of the low-lying plains and the lower slopes of the Tualatin River drainage basin. The basin extends across the boundary between two physiographic sections, the Puget Trough and the Oregon Coast Range. The oldest rock unit is composed of basaltic lava interbedded with tuff. The volcanic unit is overlain by a sequence of sedimentary rocks, of Eocene age, consisting largely of shale, claystone, sandstone, and siltstone. In places the sedimentary sequence contains a basal conglomerate composed of basaltic cobbles and gravel. Overlying the sedimentary rocks is a series of lava flows known collectively as the Columbia River Basalt. These flows consist largely of blocky, jointed lava and contain only very small amounts of breccia. The basalt is a brown, black, or dark-gray dense rock that has a pronounced vesicular structure near the tops of most of the individual lava flows. Overlying the down-warped parts of the Columbia River Basalt is a deposit of semi-consolidated silt, clay, and sand, chiefly of lacustrine origin. Beneath the main part of the valley plain, and lapping up along the margins, are unconsolidated sediments that cover the irregularities in the bedrock surface and underlie a smooth valley plain. It is overlain by younger alluvium consists entirely of fine-grained materials. In general, the older alluvium is composed of similar fine-grained materials except along the Willamette River, where gravels and sands are present (Hart, 1961).

### **2.7.3 Hydrology**

According to the Well Log online database (Oregon Water Resources Department) and data from the USGS Estimated Depth to Groundwater Interactive Map (United States Geological Service), static groundwater is located approximately 17 to 30 feet below surface grade (bsg).

The flow of groundwater typically imitates the surface topography and ordinarily flows from higher to lower elevations. The near surface flow may be influenced by stratigraphy, water bodies, rainfall, underground utilities and other subsurface features. Based on the general topography of the Property and vicinity, groundwater is anticipated to flow to the south.

The nearest surface water in the vicinity of the Property is the Tualatin River approximately 0.10 miles to the south. No on-site water wells, springs, settling ponds, lagoons, surface impoundments or wetlands were observed during the Property reconnaissance.

According to the U.S. Environmental Protection Agency Office of Water, the Property does not overlie a sole source aquifer.



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## **3.0 USER PROVIDED INFORMATION**

### **3.1 Title Records**

The User did not provide Alpha with copies of recorded land title records for the Property.

### **3.2 Environmental Liens or Activity and Use Limitations (AULs)**

It is the User's responsibility to search title records for environmental clean-up liens and Activity and Use Limitations (AULs) that are filed or recorded against the Property. These include both legal (institutional) controls and physical (engineering) controls filed in the land title office.

According to the user of this report, no environmentally related liens or Activity Use Limitations (AULs) have been recorded against the Property.

### **3.3 Specialized Knowledge**

No significant specialized knowledge was provided by the User for this assessment.

### **3.4 Commonly Known or Reasonably Ascertainable Information**

Alpha inquired of the User regarding ascertainable information regarding environmental conditions associated with the property. Knowledge of commonly known or reasonably ascertainable information related to environmental conditions was not reported by the User.

### **3.5 Valuation Reduction for Environmental Issues**

No environmental issues were encountered during this review that would be likely to cause a valuation reduction. No valuation reduction was reported by the User.

### **3.6 Owner, Property Manager, and Occupant Information**

No information was obtained that is relevant here.

### **3.7 Reason for Performing Phase I**

Alpha understands that the findings of this study will be used by User to evaluate a pending financial transaction in connection with the Property.

This report may additionally be utilized by the User to qualify for Landowner Liability Protections (LLPs) under the "Brownfield Amendments" to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

### **3.8 Other**

No other relevant User provided information was used for this review.

## 4.0 HISTORICAL USE INFORMATION

### 4.1 Historical Information Use Summary

Historical records indicate that the Property appears to have been originally developed in the mid-1940s for residential use, which continued until the late 1990s when all the structures were removed; the Property has remained free of improvements since. The Property does not appear to have been utilized for any environmentally sensitive purposes.

According to historical city directories, the Property was used as a motel from at least 1970 through 1992.

### 4.2 Aerial Photographs

Available aerial photographs dated 1936, 1947, 1956, 1964, 1973, 1980, 1990, 1998 and 2009 from the University of Oregon (University of Oregon, 2015) and dated 2015 from Google Earth (Google, 2022) were reviewed for this ESA. Copies of selected photographs are included in [Appendix B, Exhibit B-1](#) of this report. The photographs are discussed below:

**Date:** 1936

**Photograph ID No:** 1936\_wvp\_4416

	Description
Property	Vacant land
North	Residential
South	Vacant land
East	Vacant land
West	Vacant land

**Date:** 1947

**Photograph ID No:** 1947\_dfr\_1d-35

	Description
Property	Residential
North	Residential
South	Residential and agricultural
East	Residential
West	Agricultural land

**Date:** 1956

**Photograph ID No:** 1956\_dfr\_1p-146

	Description
Property	Residential
North	Residential
South	Residential and agricultural
East	Vacant land

	Description
West	Agricultural land

**Date:** 1964

**Photograph ID No:** 1964\_met\_6-21

	Description
Property	Residential
North	Residential
South	Residential and agricultural
East	Vacant land
West	Agricultural land

**Date:** 1973

**Photograph ID No:** 1973\_po73\_13-17

	Description
Property	Residential
North	Fire Station Building
South	Residential and agricultural
East	Vacant land
West	Agricultural land

**Date:** 1980

**Photograph ID No:** 1980\_po80\_13-18

	Description
Property	Residential
North	Fire Station Building
South	Residential and agricultural
East	Vacant land
West	Agricultural land

**Date:** 1990

**Photograph ID No:** 1990\_po90\_7-13

	Description
Property	Residential
North	Fire Station Building
South	Vacant land
East	Multi-family residential
West	Agricultural land

**Date:** 1998

**Photograph ID No:** 1998\_po98\_7-12

	Description
Property	Vacant land
North	Fire Station Building
South	Vacant land
East	Multi-family residential
West	Vacant land

**Date:** 2009

**Photograph ID No:** 2009\_naip

	Description
Property	Vacant land
North	Fire Station Building
South	Vacant land
East	Multi-family residential
West	Vacant land and switch yard

**Date:** 2015

**Photograph ID No:** Google Earth

	Description
Property	Vacant land
North	Fire Station Building
South	Vacant land
East	Multi-family residential
West	Vacant land and switch yard

**Date:** 2018

**Photograph ID No:** 2018\_Google Earth7-6

	Description
Property	Vacant land
North	Fire Station Building
South	Multi-family residential
East	Multi-family residential
West	Paved entrance and electrical substation/switch yard

**Date:** 2021

**Photograph ID No:** 2021\_Google Earth5-10

	Description
Property	Vacant land
North	Fire Station Building
South	Multi-family residential

	Description
East	Multi-family residential
West	Paved entrance and electrical substation/switch yard

### 4.3 Fire Insurance Maps

Due to the location of the Property falling outside of the historical city limits, Sanborn Fire Insurance maps were not available for the area.

### 4.4 City Directories

Historical City directories published by Polk and Cole were provided by EDR and reviewed for past names and business that were listed for the Property and adjoining properties. Copies are included in [EXHIBIT B-3: CITY DIRECTORIES](#). The findings are presented below:

**Property:** 17165 SW Pacific Highway

Year	Listing
1970	Star Motel
1976	Star Motel
1982	Star Motel
1987	Star Motel
1992	Star Motel

**North:** 17135 SW Pacific Highway

Year	Listing
2017	T Mobile

**South:** No listings.

**East:** 17022 SW Pacific Highway

Year	Listing
1992	Multi-Family Residential
1995	Multi-Family Residential
2000	Multi-Family Residential
2005	Multi-Family Residential Garrison Financial Solutions
2010	Multi-Family Residential
2014	Multi-Family Residential
2017	Multi-Family Residential

**West:** 12051 SW Versailles Road – No Listings

#### **4.5 Chain of Title**

A 50-year chain-of-title was not requested for this study. Historical use of the Property was researched using other standard historical sources.

#### **4.6 Additional Environmental Record Sources**

A previous Phase I ESA was completed for the subject Property in July 2015. This Phase I ESA report was reviewed for this assessment. The previous report indicated that no RECs were discovered during the investigation and that no further investigation was recommended at that time.

No other environmental record sources were accessed for this report.

## 5.0 RECORDS REVIEW

### 5.1 Standard Environmental Record Sources

#### 5.1.1 Federal and State Regulatory Review

Information from standard federal and state environmental record sources was provided through EDR (Environmental Data Resources, 2022). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately  $\pm 300$  feet.

In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocode facility locations. These facilities are listed under the unmappable section within the EDR report. A review of the unmappable facilities indicated that several of these facilities are within the ASTM minimum search distance from the Property. These facilities are discussed under the appropriate database heading below.

Regulatory information from the database sources regarding possible RECs, within the ASTM search criteria and minimum search distance from the Property, was reviewed. Specific facilities are discussed below if determined likely that a potential REC has resulted at the Property from the listed facilities. Please refer to Appendix C, Exhibit C-1 for a complete listing.

**TABLE 4: FEDERAL ENVIRONMENTAL LISTS**

<i><b>Federal Records</b></i>	AMSD*	Property	Adjoining	<1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	> 1/2 mile
Federal National Priority List (NPL)	1.0	0	0	0	0	0	0
Federal Delisted NPL List	0.5	0	0	0	0	0	
Federal CERCLIS List	0.5	0	0	0	0	0	
Federal CERCLIS NFRAP List	0.5	0	0	0	0	0	
Federal RCRA CORRACT List	1.0	0	0	0	0	0	0
Federal RCRA Non-CORRACT TSD List	0.5	0	0	0	0	0	
Federal RCRA Generators	Property & adjoining	0	0				

<b><i>Federal Records</i></b>	AMSD*	Property	Adjoining	<1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	> 1/2 mile
Federal IC/EC Registries	Property	0					
Federal ERNS Sites	Property	0					

**TABLE 5: STATE & TRIBAL ENVIRONMENTAL LISTS**

<b><i>State &amp; Tribal Records</i></b>	AMSD*	Property	Adjoining	<1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	> 1/2 mile
State and Tribal Equivalent CERCLIS	0.5	0	0	0	1	0	
Solid Waste/Landfill Facility (SWF) List	0.5	0	0	0	0	0	
Leaking Underground Storage Tank (LUST)	0.5	0	1	1	2	9	
Underground Storage Tank (UST) List	Property & adjoining	0	0				
State and Tribal IC/EC Registries	Property	0					
Voluntary Cleanup Program (VCP) Sites	0.5	0	0	0	1	0	
Brownfields	0.5	0	0	0	0	0	

**TABLE 6: LOCAL & PROPRIETARY RECORDS**

<b><i>Local &amp; Proprietary Records</i></b>	AMSD*	Property	Adjoining	<1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	> 1/2 mile
Local Lists of Landfill/Solid Waste Disposal Sites	0.5	0	0	0	0	0	
Local Lists of Hazardous Waste/Contaminated Sites	0.5	0	0	0	0	0	
Local Land Records	Property	0					
Records of Emergency Release Reports	Property	0					
Other Ascertainable Records	Property	0					



<i><b>Local &amp; Proprietary Records</b></i>	AMSD*	Property	Adjoining	<1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	> 1/2 mile
EDR High Risk Historical Records	0.5	0	0	0	0	0	

\*AMSD: Approximate Minimum Search Distance, in miles, pursuant to ASTM E 1527-13

### **Federal Listings**

#### ***Federal NPL***

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

The Property is not listed as an NPL facility. No NPL sites are located within one mile of the Property.

#### ***Federal Delisted NPL***

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 Code of Federal Regulations (CFR) 300.425(e), sites may be deleted where no further response is appropriate.

The Property is not listed as a Delisted NPL site. No Delisted NPL sites are located within one-half mile of the Property.

#### ***Federal CERCLIS List***

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release, or threatened release, of hazardous substances.

The Property is not listed as a CERCLIS facility. No CERCLIS sites are listed within one-half mile of the Property.

#### ***Federal CERCLIS NFRAP Sites List***

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated and has determined that the facility does not pose a threat to human health or the environment, under the CERCLA framework.

The Property is not listed as a CERCLIS NFRAP facility. No CERCLIS NFRAP facilities are listed within one-half mile of the Property.

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***Federal Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACT) Treatment, Storage and Disposal (TSD) Facilities List***

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Treatment, Storage and Disposal (TSD) database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste. The Corrective Action (CORRACT) database is the EPA's list of treatment storage or disposal facilities subject to corrective action under RCRA.

The Property is not listed as a RCRA CORRACT TSD facility. No RCRA CORRACT TSD facilities are listed within one mile of the Property.

***Federal Resource Conservation and Recovery Act (RCRA) Non-CORRACT TSD Facilities List***

The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

The Property is not listed as a RCRA Non-CORRACT TSD facility. No RCRA Non-CORRACT TSD sites are listed within one-half mile of the Property.

***Federal RCRA Generator List***

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

The Property is not listed as a RCRA Generator facility. No RCRA Generator facilities are listed on the adjoining sites.

***Federal Institutional Control/Engineering Control (IC/EC) Registries***

Any Federal institutional controls (IC) and/or engineering controls (EC) imposed on the Property would have been listed in one of the above-referenced registries.

Since the Property is not listed on any of the above-referenced registries, there is a low potential for Federal IC/EC controls to have been imposed on the Property.

***Federal Emergency Response Notification System (ERNS)***

The Emergency Response Notification System (ERNS) is a national database used to collect information or reported release of oil or hazardous substances.

No ERNS sites were listed on the Property.

## **State Listings**

### ***State and Tribal CERCLIS-Equivalent List***

The Oregon Department of Environmental Quality (DEQ) maintains a State and Tribal CERCLIS-equivalent lists that use the DEQ Confirmed Release List (CRL) and Environmental Cleanup Site Information (ECSI) database to compile a list of sites under investigation that could be actually or potentially contaminated and presenting a possible threat to human health and the environment.

The Property is not listed as a CRL facility. No CRL sites are listed within one-half mile of the Property.

The Property is not listed as an ECSI facility. One ECSI site is listed within one-half mile of the Property and is discussed below:

- **EARLEY PROPERTY, 11700 SW GRAVEN ST. (ECSI 3318, VCP).** This site is located approximately 0.128-mile northeast of the Property in the presumed upgradient groundwater flow direction. According to the database report, on October 10, 2001, an above-ground heating oil tank located outside adjacent to the south end of the house tipped over when a supporting leg collapsed. Approximately 100 gallons of heating oil were released onto the ground surface and covered an area of about 200 square feet. Portland Tank Service (PTS) excavated about 10 tons of contaminated soil. Subsequent sampling showed that significant contamination was limited to a depth of about 7 feet bgs (70 mg/kg). The DEQ conducted additional modeling and has determined that the contamination is localized and unlikely to migrate to groundwater or pose a threat to indoor air. A no further action (NFA) determination has been issued. Based on the surficial nature of contamination and the NFA status with the DEQ, this site represents a low environmental risk to the Property.

### ***Solid Waste/Landfill Facilities (SWF) List***

A database of Solid Waste/Landfill Facilities (SWF) list is prepared by Oregon DEQ.

The Property is not listed as an SWF facility. No SWF facilities are listed within one-half mile of the Property.

### ***State and Tribal Leaking Underground Storage Tank (LUST) List***

The Oregon DEQ compiles a list of leaking underground storage tanks (LUSTs) of petroleum products and hazardous substances. The US EPA Region 10 maintains an inventory of Indian Land LUSTs currently under federal administration.

The Property is not listed as a LUST facility. A total of 13 LUST sites are listed within one-half mile of the Property. All but two of these sites are located greater than 1/8 mile from the subject Property and, due to the intervening distance, present a low environmental risk to the Property. One of the remaining sites does not adjoin the subject Property and has a closed file

status with the Oregon DEQ, indicating cleanup efforts are complete and therefore present a low environmental risk to the Property. The remaining site is discussed below:

- **TUALATIN VALLEY FIRE & RESCUE #225 (A.K.A. AT & T MOBILITY). 17135 SW Pacific Hwy. (LUST 34-91-0345).** This site is adjoining to the north of the Property in the presumed upgradient location. According to the database report, a 550-gallon gasoline and a 550-gallon diesel underground storage tanks (USTs) were decommissioned by removal at this location. Gasoline contamination was discovered during the decommissioning. Approximately 90 cubic yards of contaminated soil was removed from the excavation and aerated onsite. After aeration was complete, no gasoline was detected in the soil. A maximum of 10 parts per million (ppm) of gasoline was detected in confirmatory soil samples from the excavation. This is below the most stringent cleanup level for gasoline of 40 ppm. No groundwater was encountered in the excavation. The file has been closed by the DEQ indicating that cleanup activities have been completed according to standards; therefore, based on the closed file status, the contamination impacting soil only and reported cleanup levels, the petroleum products release at this site appears to represent a low environmental risk to the Property.

#### ***State and Tribal Registered Underground Storage Tank (UST) List***

The Oregon DEQ compiles a list of registered UST locations. The US EPA Region 10 maintains an inventory of Indian Land USTs currently under federal administration.

The Property is not listed as a registered UST facility. No registered UST facilities are listed for adjoining sites.

#### ***State and Tribal Institutional Controls/Engineering Controls (IC/EC) Registries***

Any State or Tribal ICs and ECs imposed on the Property would have likely been listed in one of the above-referenced registries.

Since the Property is not listed on any of the above-referenced registries, there is a low potential for state or tribal IC/EC have been imposed on the Property.

#### ***State and Tribal Voluntary Cleanup Program (VCP) Sites***

The Oregon DEQ maintains a list of responsible parties who have entered into an agreement with the DEQ to voluntarily address contamination associated with their property.

The Property is not listed as a VCP site. One VCP site was listed within one-half mile of the Property. This site presents a low environmental risk to the Property and is discussed fully in Section [State and Tribal CERCLIS-Equivalent List](#).

#### ***Brownfields***

The Oregon DEQ maintains a list of Brownfields sites as part of its Environmental Cleanup Site Information (ECSI) System.

The Property is not listed as a Brownfield site. No State or Tribal Brownfields sites were listed within one-half mile of the Property.

### **EDR Additional Environmental Records**

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

EDR reviews multiple data sources to determine if Landfill/Solid Waste Disposal Sites are located within one-half mile of the Property. No sites were listed in the database search.

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

EDR reviews multiple data sources to determine if Hazardous Waste/Contaminated Sites are located within prescribed search distances of the Property. No sites were listed in the database search.

#### ***Local Land Records***

EDR reviews a Lien data source to determine if a lien against the Property exists. No record was listed in the database search.

#### ***Records of Emergency Release Reports***

EDR reviews multiple data sources to determine if an Emergency Release has occurred on the Property. No record was listed in the database search.

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

EDR reviews multiple data sources for Other Ascertainable Records of potential hazards in the vicinity of the Property. No sites were listed in the database search within the prescribed search distances.

#### ***EDR High Risk Historical Records***

EDR maintains exclusive records for manufactured gas plants, historical gas stations and historical dry cleaners. No sites were listed within one-half mile of the Property.

## **5.2 Local Regulatory Review**

### **5.2.1 Fire Officials**

Records from the Tualatin Valley Fire and Rescue, Fire Department, were reviewed for evidence indicating the presence of underground storage tanks and for the use of hazardous materials. No relevant records were found during this process.

### **5.2.2 Building Department**

Records from the City of King City, Building Department, were requested for evidence indicating the developmental history of the subject Property, and for the presence of

documentation relative to underground storage tanks. The Building Department did not respond in time to be included in this report.

#### **5.2.3 Other Agencies**

No other agencies were contacted for this review.

### **5.3 Regulatory Agency File and Records Review**

In accordance with ASTM E1527-13, if the Property or any of the adjoining sites is identified on one or more of the standard environmental record sources listed above, pertinent regulatory files and/or records associated with the listings should be reviewed. The environmental professional may alternatively review files/records from an alternate source (onsite records, user provided records, records from local government agencies, interviews with regulatory officials or other knowledgeable individuals) regarding information about the environmental conditions that resulted in the standard environmental record source listing.

Based on the available online records from the DEQ, the reported closure status and cleanup efforts performed, it is the Alpha's opinion that an agency file review was not warranted for the northern adjacent site.

### **5.4 Vapor Encroachment Assessment**

A limited vapor encroachment assessment was conducted in general accordance with ASTM E 2600-10, Standard Guide for Vapor Encroachment Screening (VES) on Property Involved in Real Estate Transactions (ASTM International, 2013). The purpose of the Tier 1 screen was to collect information to determine if a vapor encroachment condition (VEC) exists at the subject Property. This assessment was based on information collected in conjunction with the Phase I ESA, including existing/planned use of the site, type of structures located on the site, surrounding property description, user information, historical and physical records review, regulatory database review, manmade or natural conduits, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. The assessment did not include regulatory file reviews or subsurface investigations to evaluate soil, soil gas, or groundwater quality.

Alpha's review of the regulatory records identified a potential facility of concern within 100 feet of the site (17135 SW Pacific Highway), which is located upgradient of the site. Documented impacts have not been identified on the site in association with this facility, and the potential for on-site vapor impacts originating from this facility appear low.

Based on the physical setting of the site, the current use of the site and the findings from the historical and regulatory records review, potential vapor encroachment issues were deemed not likely to exist at the Property at this time.

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## **6.0 SITE RECONNAISSANCE**

### **6.1 Methodology and Limiting Conditions**

The site reconnaissance was conducted by Casey Ward of Alpha on Friday, February 18, 2022. The weather conditions at the time of the site reconnaissance were partly sunny and 49 degrees Fahrenheit. The visual reconnaissance consisted of observing the boundaries of the Property and systematically traversing the site to provide an overlapping field of view, wherever possible. Photographs of pertinent site features identified during the site reconnaissance are included in [Appendix A](#).

### **6.2 Building and General Site Characteristics**

The Property consists of a rectangle-shaped parcel approximately 1.08 acres in size. At the time of this assessment the Property was free of any improvements and not being utilized for any particular purpose.

Access to the parcel is provided via a graveled driveway from SW Pacific Highway to the east.

#### **6.2.1 Exterior Observations**

The Property was vacant of structures; therefore, no exterior observations were made.

#### **6.2.2 Interior Observations**

The Property was vacant of structures; therefore, no interior observations were made.

#### **6.2.3 Solid Waste Disposal**

No solid waste collection service is provided to the Property as it is currently vacant of structures and occupants. No indication of potentially hazardous material disposal was noted during Alpha's reconnaissance.

#### **6.2.4 Surface Water Drainage**

Surface water is naturally absorbed into the soil on the Property.

#### **6.2.5 Wells and Cisterns**

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

#### **6.2.6 Wastewater**

No indications of industrial wastewater disposal or treatment facilities were observed during the onsite reconnaissance.

#### **6.2.7 Additional Site Observations**

No additional relevant general site characteristics were observed.



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## 6.3 Potential Environmental Conditions

### 6.3.1 Hazardous Materials and Petroleum Products Used or Stored at the Site

No evidence of the use of hazardous materials or wastes was observed on the Property.

#### 6.3.1.1 Unlabeled Containers and Drums

No unlabeled containers or drums were observed during the Site reconnaissance.

#### 6.3.1.2 Disposal Locations of Regulated/ Hazardous Waste

No obvious indications of hazardous waste generation, storage or disposal were observed on the Property or were indicated during interviews.

### 6.3.2 Evidence of Releases

No obvious indications of hazardous material or petroleum product releases, such as stained or corroded areas or stressed vegetation, were observed during the site reconnaissance or reported during interviews.

### 6.3.3 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by EPA regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified:

- Less than 50 parts per million (ppm) of PCBs – “*Non-PCB*” transformer
- 50-500 ppm – “*PCB-Contaminated*” electrical equipment
- Greater than 500 ppm – “*PCB*” transformer

No evidence of electric transformers or other potential PCB-containing equipment (ex: oil-filled switches, hoists, lifts, dock levelers and hydraulic elevators) was observed during the reconnaissance.

### 6.3.4 Landfills

No evidence of onsite landfilling was observed or reported during the site reconnaissance.

### 6.3.5 Pits, Ponds, Lagoons, Sumps, and Catch Basins

No evidence of onsite pits, ponds, or lagoons was observed or reported during the site reconnaissance. No evidence of sumps or catch basins was observed or reported during the site reconnaissance.

### 6.3.6 Onsite ASTs and USTs

No evidence of aboveground or underground storage tanks was observed during the site reconnaissance or reported during interviews.



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An aboveground storage tank with an approximate capacity of 1,000 gallons was observed on the southeastern portion of the Property. This unit was labeled to contain propane. Given the gaseous state of propane at standard temperature and pressure, this aboveground tank presents a low environmental risk to the Property.

#### **6.3.7 Radiological Hazards**

No radiological substances or equipment was observed or reported stored on the subject site.

#### **6.3.8 Additional Hazard Observations**

No additional hazards were observed on the Property.

## **7.0 INTERVIEWS**

Interviews were conducted with the following individuals. Findings from these interviews are discussed in the following section of the report.

### **7.1 Interview with Owner**

- No interview was conducted with the owner; however, a member of the owning entity did fill out the Owner Questionnaire. He was unaware of any environmental liabilities in connection with the Property.

### **7.2 Interview with Site Manager**

- See above interview.

### **7.3 Interview with Occupants**

- No interviews were conducted with occupants.

### **7.4 Interview with Local Government Officials**

- No interviews were conducted with local government officials.

### **7.5 Interviews with Others**

- No other interviews were conducted.

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## 8.0 EVALUATION

### 8.1 Findings

#### 8.1.1 Data Gaps

No significant data gaps were encountered during this Phase I ESA. The following minor data gap was encountered:

- Historical information was not available on the Property dating back to 1940 in every 5-year increment. This is determined to be a minor data gap due to the developmental history of the Property.

#### 8.1.2 Onsite Environmental Conditions

No onsite recognized environmental conditions (RECs) were identified during the course of this assessment.

#### 8.1.3 Offsite Environmental Conditions

The assessment identified no offsite recognized environmental conditions (RECs) that were considered likely to significantly impact the Property.

#### 8.1.4 Controlled Recognized Environmental Conditions (CRECs)

A controlled recognized environmental condition (CREC) is an environmental condition resulting from a past release of any hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by the regulatory authority) with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (property use restrictions, activity and use limitations, institutional controls or engineering controls). A condition considered to be a CREC will be listed in the Conclusions Section of the report.

No CRECs were identified in connection with the Property during the course of this assessment.

#### 8.1.5 Historical Recognized Environmental Conditions (HRECs)

A historical recognized environmental condition (HREC) is an environmental condition where a past release of any hazardous substances or petroleum products 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 agency, without subjection the property to any required controls (property use restrictions, activity and use limitations, institutional controls or engineering controls).

No HRECs were identified in connection with the Property during the course of this assessment.

#### **8.1.6 De Minimis Environmental Conditions**

De minimis environmental conditions are those that generally do not present a threat to human health or to the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies.

No de minimis environmental conditions were identified in connection with the Property during the course of this assessment.

### **8.2 Opinion**

The following are Alpha's opinions regarding the Environmental Conditions detailed in the preceding Findings Section pursuant to the ASTM E 1527-13 Standard:

No Environmental Conditions were noted in the Findings Section above that would warrant an opinion in this section.

### **8.3 Conclusions**

Alpha has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of 17165 SW Pacific Hwy, King City, OR 97224. Any exceptions to or deletions from this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of RECs in connection with the Property.

### **8.4 Recommendations**

Based on the information available at the time of this assessment, Alpha does not recommend further investigation of the Property at this time.

### **8.5 Deviations**

This Phase I ESA substantially complies with the scope of services and ASTM E 1527-13, as amended, except for exceptions and/or limiting conditions as discussed in Section 1.4.

### **8.6 Signatures of Environmental Professionals**

#### **8.6.1 Qualification of Environmental Professionals**

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in 3.12.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject Property.

### **8.6.2 All Appropriate Inquiries Conformance**

I have developed and performed the all appropriate inquiries (AAI) in conformance with the standards and practices set forth in 40 CFR Part 312.



**Rodolfo Gomez**  
Project Director



**Casey Ward**  
Investigator

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## **9.0 NON-SCOPE CONSIDERATIONS**

Non-scope considerations are environmental issues or conditions at the Property that are outside the scope of ASTM E 1527-13 and are not required for AAI as defined by this practice. The non-scope considerations listed below are provided for interested parties who may wish to assess them in connection with the Property.

Whether or not a User elects to inquire into non-scope considerations in connection with this practice or any other environmental site assessment, assessment of such non-scope considerations is not required for All Appropriate Inquiry (AAI) as defined by this practice.

### **9.1 Asbestos-Containing Materials (ACM)**

An asbestos evaluation was not required by the scope of services.

### **9.2 Lead-Based Paint**

A lead-based paint survey was not included in the scope of work for this assessment.

### **9.3 Radon**

The EPA recommends site-specific testing in order to determine radon levels at a specific location. Radon testing was not included in the scope of work for this assessment.

### **9.4 Lead in Drinking Water**

The Property is connected to the city water supply provided by the King City Water Bureau. According to the EPA website (United States Environmental Protection Agency), the drinking water supplied to the site complies with state and federal standards, including those for lead and copper. Water sampling was not conducted at the site to verify water quality.

## 10.0 REFERENCES

### 10.1 Reports, Plans, and Other Documents Reviewed:

**American Society for Testing and Materials** Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process [Report]. - [s.l.] : ASTM International, 2013. - E 1527-13.

**ASTM International** Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions [Report]. - West Conshohocken : ASTM International, 2013.

**Environmental Data Resources** 17165 SW Pacific Highway, King City OR 97224 [Report]. - Shelton CT : [s.n.], 2022.

**Google** Google Earth. - 2022.

**Hart** [Book]. - 1961.

**Oregon Water Resources Department** Online Well Log Search and Groundwater level Data [Online]. - 2022. - <http://www.oregon.gov/OWRD/pages/index.aspx>.

**United State Geological Service** Beaverton, OR 7.5 minute series Topographic Map. - 2020.

**United States Department of Agriculture** Soil Survey Map. - 1977.

**United States Environmental Protection Agency** Local Drinking Water Information [Online] // US EPA. - 2022. - <http://water.epa.gov/drink/local/index.cfm>.

**United States Geological Service** Estimated Depth to Ground Water and Configuration of the Water Table in the Portland, Oregon Area [Online] // USGS. - 2022. - <http://pubs.usgs.gov/sir/2008/5059/>.

**University of Oregon** Aerial Photos from 1936, 1947, 1956, 1964, 1973, 1980, 1990, 1998 and 2009. - Eugene : University of Oregon, 2015.

### 10.2 Agencies Contacted:

City of King City

Building Department

Washington County

Tualatin Valley Fire and Rescue, Fire Department

Assessor's Office

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State of Oregon

Department of Environmental Quality (DEQ)



## 11.0 LIST OF ACRONYMS

AAI	All Appropriate Inquiry
ACM	Asbestos Containing Material
AMSD	Approximate Minimum Search Distance
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AUL	Activity and Use Limitation
bsg	below surface grade
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFR	Code of Federal Regulations
CORRACT	RCRA Corrective Action
DEQ	Department of Environmental Quality (Oregon)
DOE	Department of Ecology (Washington)
ECSI	Environmental Site Cleanup Information (DEQ)
EDR	Environmental Data Resources, Inc.
EC	Engineering Control
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
HREC	Historical Recognized Environmental Conditions
IC	Institutional Control
LUST	Leaking Underground Storage Tank
MSL	mean sea level
NCP	National Oil and Hazardous Substance Pollution Contingency Plan
NFA	No Further Action
NFRAP	No Further Remedial Action Planned
NLR	No Longer Regulated
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
OSHA	Occupational Safety and Health Administration
PACM	Presumed Asbestos Containing Material
PCB	Polychlorinated Biphenyls
pCi/L	picocuries per liter
ppb	parts per billion
ppm	parts per million

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**ACRONYMS (continued)**

RBC	risk-based concentration
RBDM	risk-based decision making
RCRA	Resource Conservation & Recovery Act of 1976
RCRIS	Resource Conservation & Recovery Act Information System Sites
REC	Recognized Environmental Condition
SCL	State and Tribal CERCLIS Equivalent List
SPL	State Priorities List
SWL	Solid Waste Landfill
TSD	Treatment Storage and Disposal
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VEC	Vapor Encroachment Condition
VES	Vapor Encroachment Screening
WRD	Oregon Water Resources Department

NOTE: Some acronyms may not be found in this report.

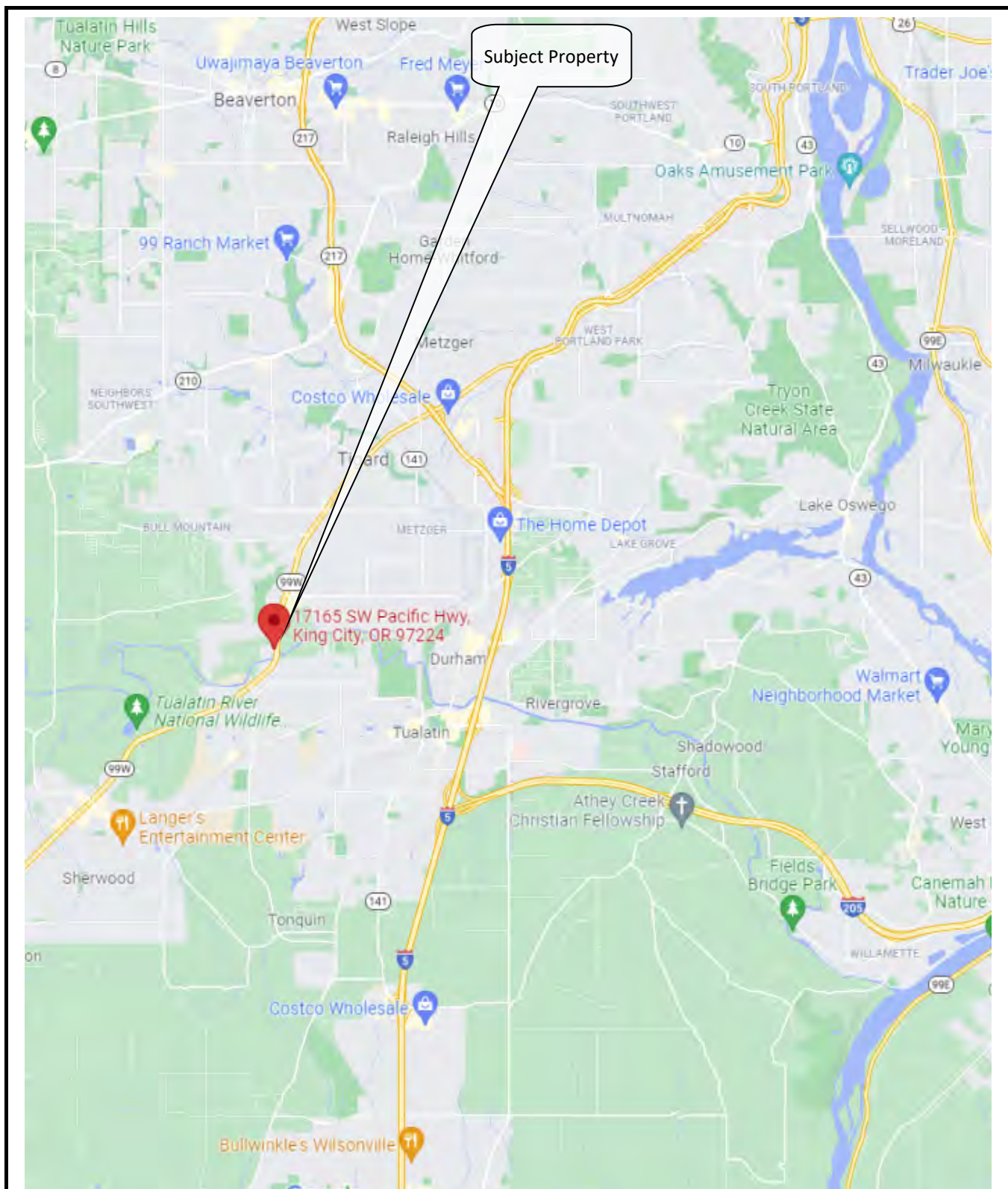
## **FIGURES**

**Site Vicinity Map**

**Topographic Map**

**Site Plan**

**Groundwater Flow Map**



11080 SW Allen Blvd. Ste. 100  
Beaverton, Oregon 97005  
(503) 292-5346

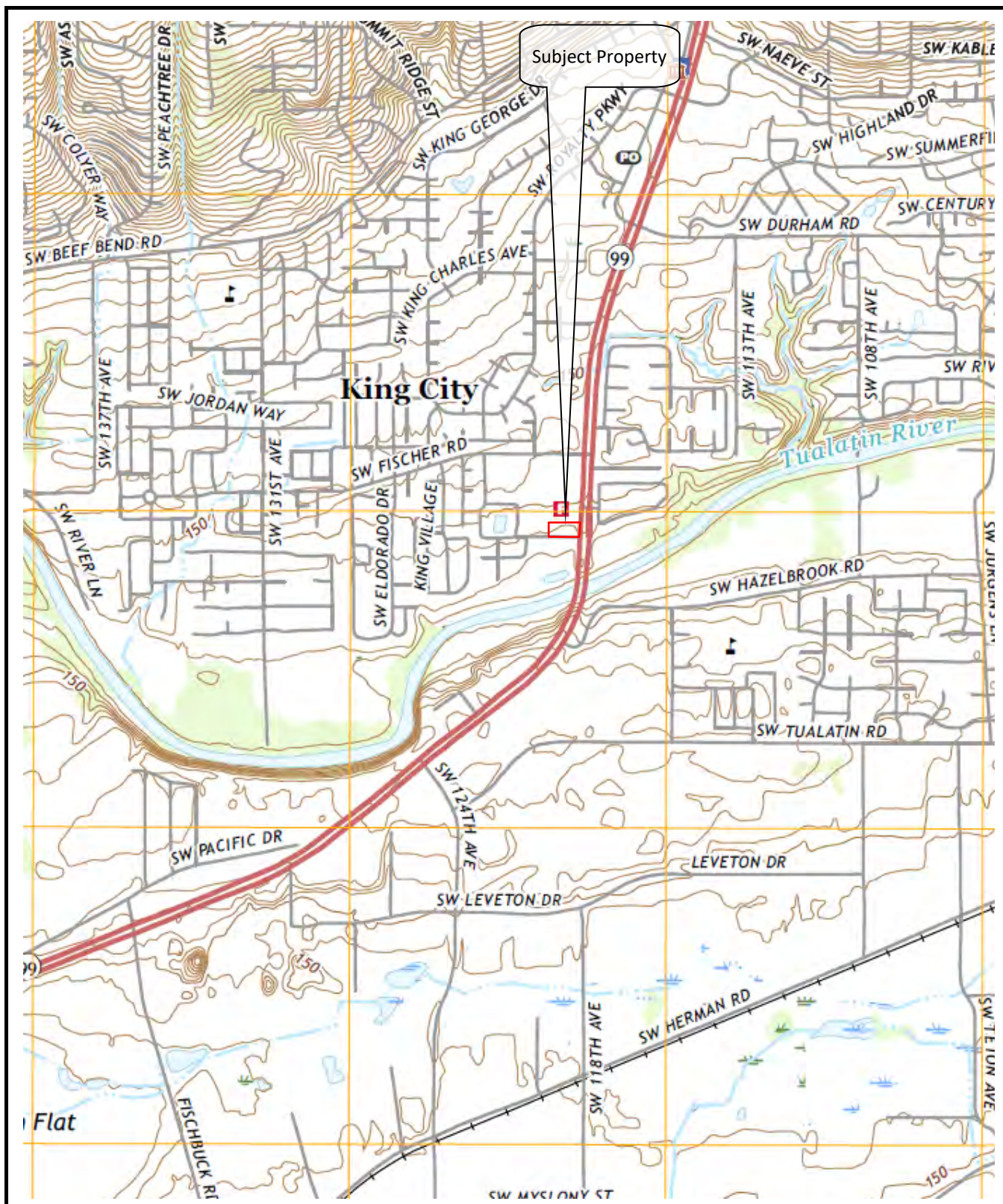
## FIGURE 1: SITE VICINITY MAP

Site Name: SW Pacific Highway Lot  
Project Number: 22-45989  
(Drawing NOT TO SCALE)

N







11080 SW Allen Blvd. Ste. 100  
Beaverton, Oregon 97005  
(503) 292-5346

## FIGURE 2: TOPOGRAPHIC MAP

Site Name: SW Pacific Highway Lot

Project Number: 22-45989

Source: U.S.G.S. 7.5 Minute Topographic Map  
Beaverton, OR, Quadrangle, 2020







11080 SW Allen Blvd. Ste. 100  
Beaverton, Oregon 97005  
(503) 292-5346

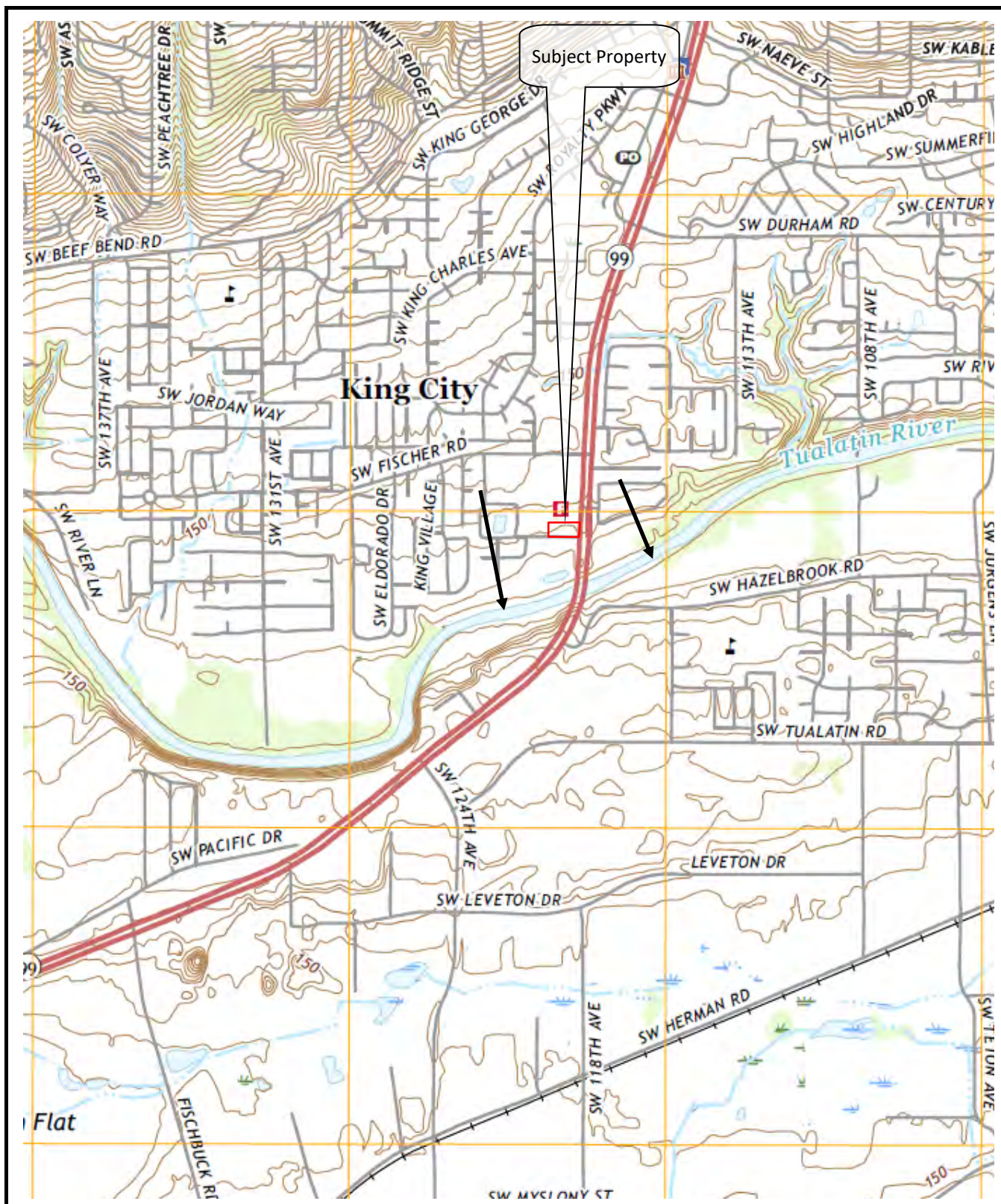
### FIGURE 3: SITE PLAN

Site Name: SW Pacific Highway Lot  
Project Number: 22-45989  
(Drawing NOT TO SCALE)

N







11080 SW Allen Blvd. Ste. 100  
Beaverton, Oregon 97005  
(503) 292-5346

## FIGURE 4: GROUNDWATER FLOW

Site Name: SW Pacific Highway Lot

Project Number: 22-45989

Source: U.S.G.S. 7.5 Minute Topographic Map  
Beaverton, OR, Quadrangle, 2020



## **APPENDIX A: SITE PHOTOGRAPHS**





Subject Property



Subject Property





Subject Property



Subject Property





Subject Property



Subject Property





Subject Property



Subject Property





Adjacent Site, North



Adjacent Site, East





Adjacent Site, South

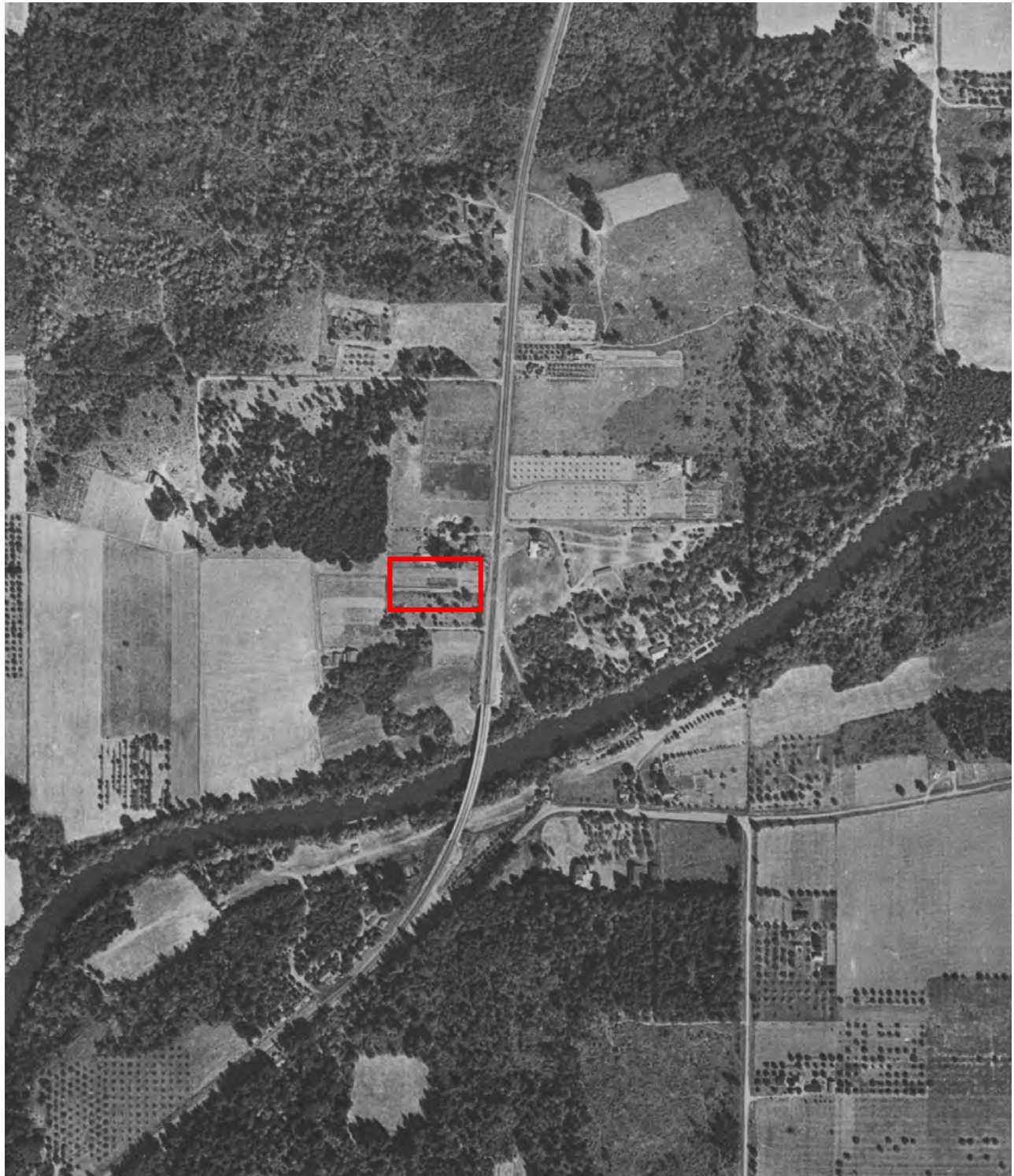


Adjacent Site, West

## **APPENDIX B: HISTORICAL RESEARCH DOCUMENTATION**

## **EXHIBIT B-1: AERIAL PHOTOGRAPHS**





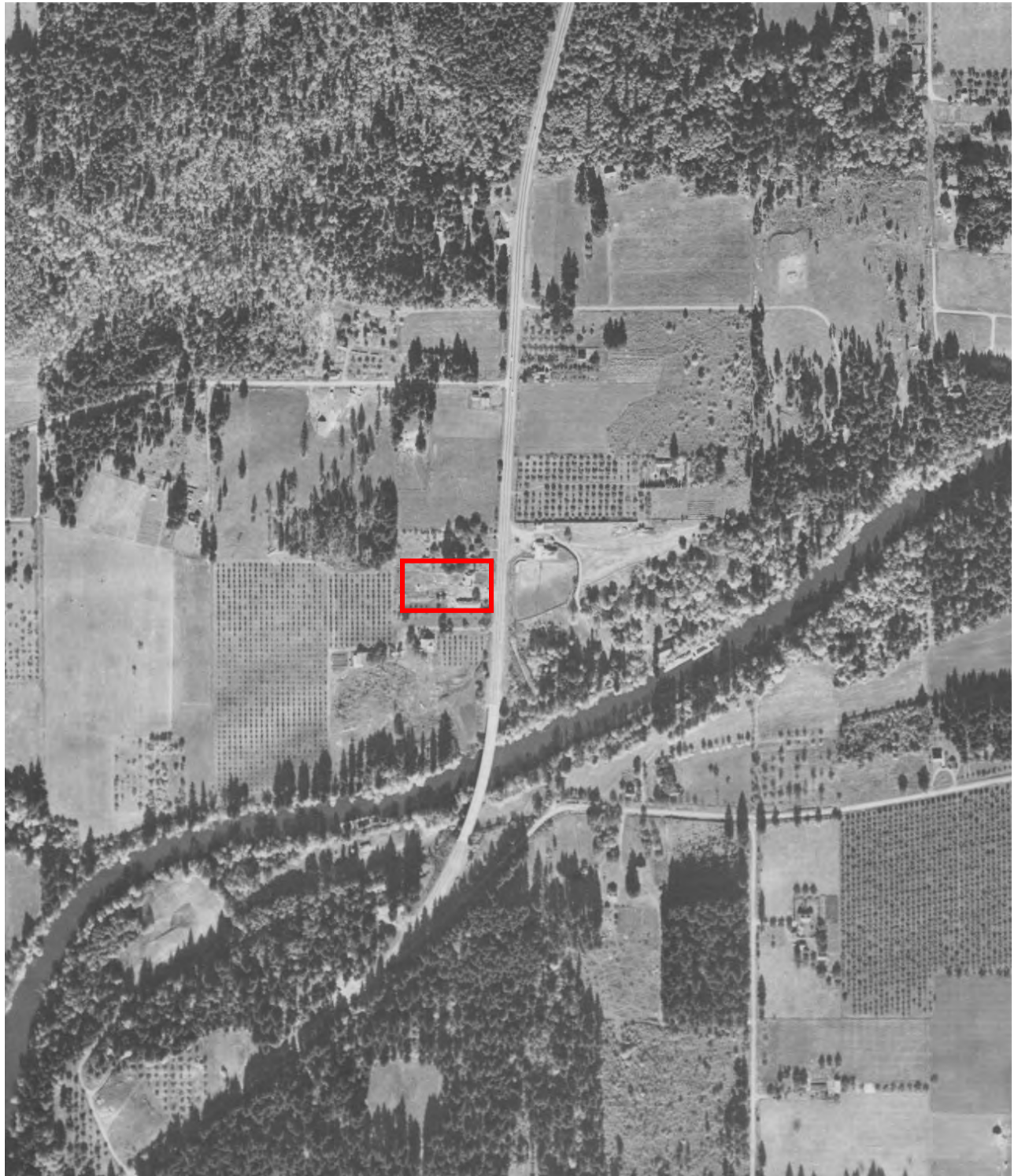
11080 SW ALLEN BLVD. STE 100  
 BEAVERTON, OREGON 97005  
 (503) 292-5346  
 Alpha Project No. 22-45989

## AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 1936  
 Photo ID No.: 1936\_wvp\_4416  
 Source: University of Oregon

N





11080 SW ALLEN BLVD. STE 100  
BEAVERTON, OREGON 97005  
(503) 292-5346  
Alpha Project No. 22-45989

## AERIAL PHOTOGRAPH

Scale: 1" = NA  
Date: 1947  
Photo ID No.: 1947\_dfr\_1d-35  
Source: University of Oregon

N







11080 SW ALLEN BLVD. STE 100  
 BEAVERTON, OREGON 97005  
 (503) 292-5346  
 Alpha Project No. 22-45989

## AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 1956  
 Photo ID No.: 1956\_dfr\_1p-146  
 Source: University of Oregon

N





11080 SW ALLEN BLVD. STE 100  
BEAVERTON, OREGON 97005  
(503) 292-5346  
Alpha Project No. 22-45989

## AERIAL PHOTOGRAPH

Scale: 1" = NA  
Date: 1964  
Photo ID No.: 1964\_met\_6-21  
Source: University of Oregon

N







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 BEAVERTON, OREGON 97005  
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 Alpha Project No. 22-45989

# AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 1973  
 Photo ID No.: 1973\_po73\_13-17  
 Source: University of Oregon





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 BEAVERTON, OREGON 97005  
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 Alpha Project No. 22-45989

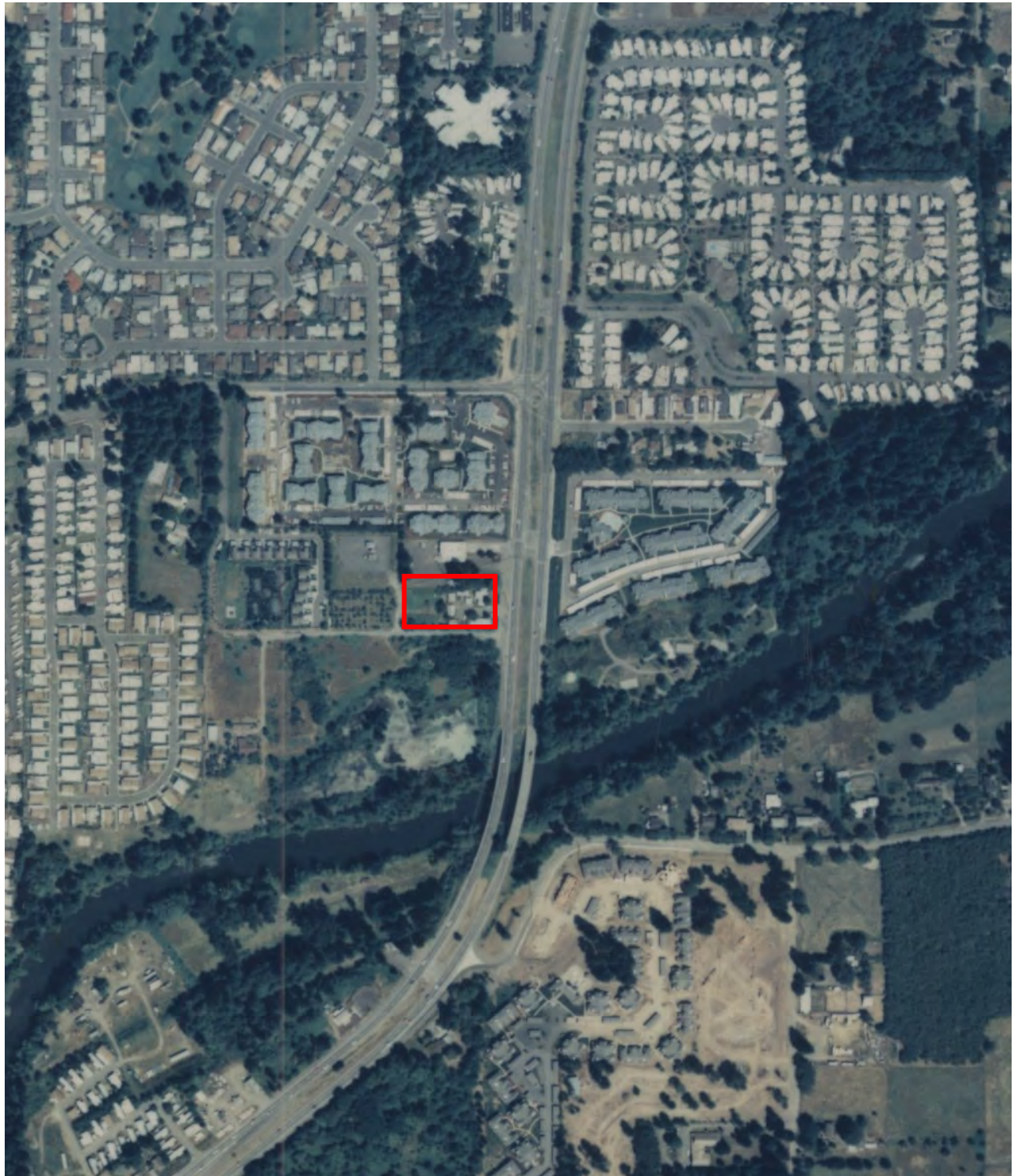
# AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 1980  
 Photo ID No.: 1980\_po80\_13-18  
 Source: University of Oregon

N







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 Alpha Project No. 22-45989

## AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 1990  
 Photo ID No.: 1990\_po90\_7-13  
 Source: University of Oregon

N







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 (503) 292-5346  
 Alpha Project No. 22-45989

# AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 1998  
 Photo ID No.: 1998\_po98\_7-12  
 Source: University of Oregon







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 BEAVERTON, OREGON 97005  
 (503) 292-5346  
 Alpha Project No. 22-45989

## AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 2009  
 Photo ID No.: 2009\_naip  
 Source: University of Oregon

N











11080 SW ALLEN BLVD. STE 100  
 BEAVERTON, OREGON 97005  
 (503) 292-5346  
 Alpha Project No. 22-45989

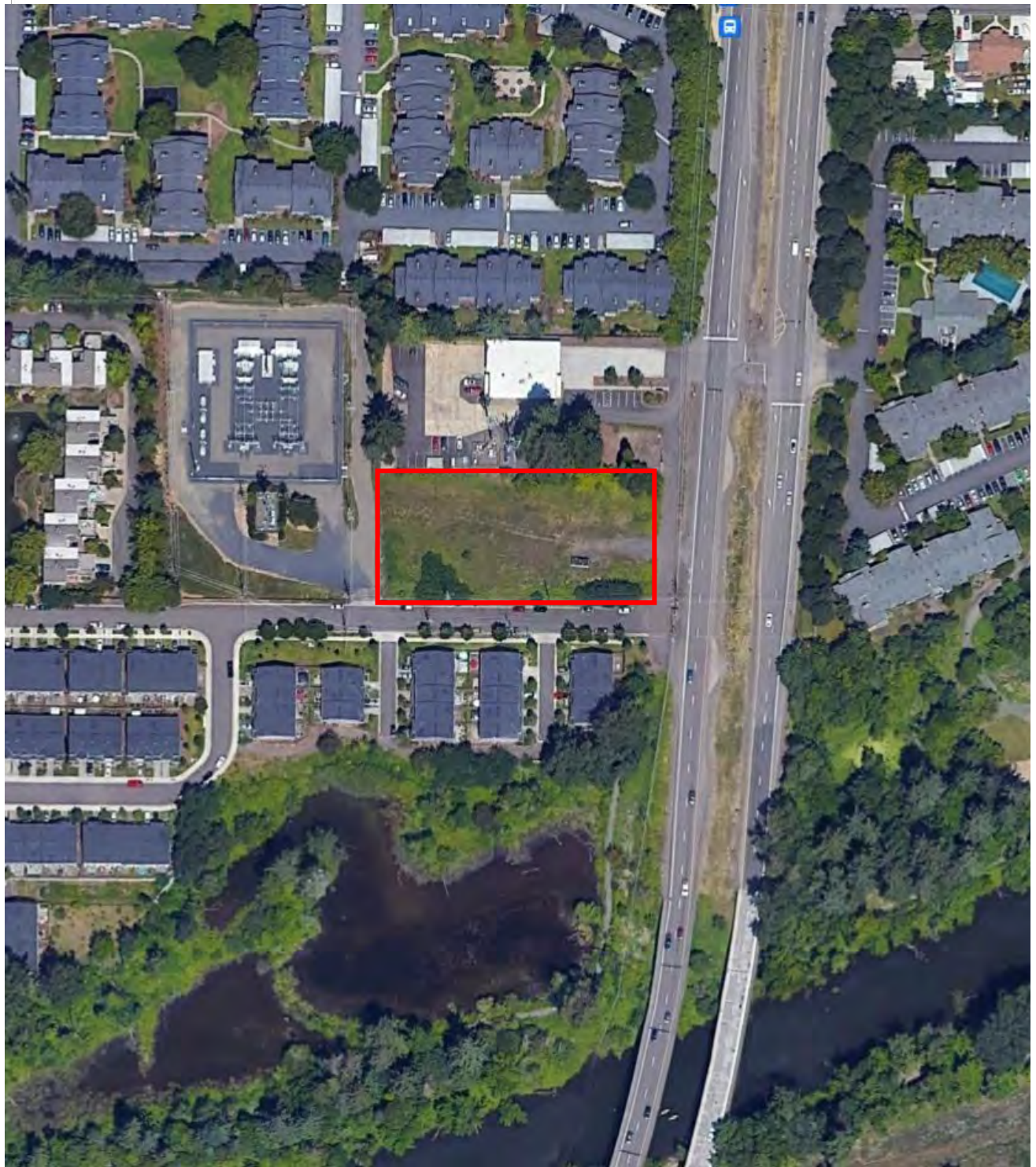
## AERIAL PHOTOGRAPH

Scale: 1" = NA  
 Date: 2018  
 Photo ID No.: 2018\_Google Earth7-6  
 Source: Google Earth

N







11080 SW ALLEN BLVD. STE 100  
BEAVERTON, OREGON 97005  
(503) 292-5346  
Alpha Project No. 22-45989

## AERIAL PHOTOGRAPH

Scale: 1" = NA  
Date: 2021  
Photo ID No.: 2021\_Google Earth5-10  
Source: Google Earth



**EXHIBIT B-2: FIRE INSURANCE MAPS**

**Sanborn Maps are not available due to the Property falling outside the map coverage area.**



17165 SW Pacific Highway

17165 SW Pacific Highway

Portland, OR 97224

Inquiry Number: 6860454.3

February 15, 2022

## Certified Sanborn® Map Report



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

## Certified Sanborn® Map Report

02/15/22

**Site Name:**

17165 SW Pacific Highway  
17165 SW Pacific Highway  
Portland, OR 97224  
EDR Inquiry # 6860454.3

**Client Name:**

Alpha Environmental Services  
11080 SW Allen Blvd Suite 100  
Beaverton, OR 97005-0000  
Contact: Casey Ward



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

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

### Certified Sanborn Results:

**Certification #** 03ED-47A9-B5EB

**PO #** 22-45989

**Project** NA

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 03ED-47A9-B5EB

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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## **EXHIBIT B-3: CITY DIRECTORIES**



**17165 SW Pacific Highway**

17165 SW Pacific Highway  
Portland, OR 97224

Inquiry Number: 6860454.5

February 17, 2022

## The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1970	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

## FINDINGS

### TARGET PROPERTY STREET

17165 SW Pacific Highway  
Portland, OR 97224

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### SW PACIFIC HWY

2017	pg A2	EDR Digital Archive
2014	pg A6	EDR Digital Archive
2010	pg A10	EDR Digital Archive
2005	pg A13	EDR Digital Archive
2000	pg A18	EDR Digital Archive
1995	pg A22	EDR Digital Archive
1992	pg A25	EDR Digital Archive
1987	pg A28	Cole Criss-Cross Directory
1987	pg A29	Cole Criss-Cross Directory
1982	pg A31	Cole Criss-Cross Directory
1976	pg A32	Cole Criss-Cross Directory
1970	pg A33	Cole Criss-Cross Directory



## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

#### SW VERSAILLES LN

2017	pg. A5	EDR Digital Archive
2014	pg. A9	EDR Digital Archive
2010	pg. A12	EDR Digital Archive
2005	pg. A17	EDR Digital Archive

#### SW VERSAILLES RD

2000	pg. A21	EDR Digital Archive	
1995	pg. A24	EDR Digital Archive	
1992	pg. A27	EDR Digital Archive	
1987	pg. A30	Cole Criss-Cross Directory	
1982	-	Cole Criss-Cross Directory	Street not listed in Source
1976	-	Cole Criss-Cross Directory	Street not listed in Source
1970	-	Cole Criss-Cross Directory	Street not listed in Source

## **City Directory Images**

## SW PACIFIC HWY

2017

16875	ALOCKOUT SERVICE SPACE AGE FUEL
17000	AVALON PARK APARTMENTS
17022	BEACH, BRET BILLY, HINDLEY V BROWN, MEAGAN K CHAN, VERONICA DENNIS, ALYSSA ELLINGTON, LAUREN K EMBLER, ALSON GALLAGHER, KELLY K MONTANO, NICKALOUS NGUYEN, TIFFANY J
17044	BURT, EVAN A CANNING, BRIAN L EDWARDS, JEREMY GEHRING, COURTNEY GROEN, JOSH H HOLDER, DAWNA M KADIAN, VANDANA MCMILLAN, MICHELLE M PHOMPAT, ALEXANDER R WILKINSON, ISABELLE T
17066	ALBERTS, UMIKO CARMEN, TIMOTHY G CARRIZOZA, APRIL L DINER, CLAYTON FIGUEROA, MARTHA GRAYBEAL, JAMIE GUERASSIO, AYLAM HOYER, JON D MOWREY, B RYBURN, HOWARD T SANCHEZ, ALYSSE SHEELAHS BELLY DANCE SMITH, VENESSA J
17088	AYDELOTT, NICOLE BENDI, RANDI BUTLER, DAWNA BUTLER, JOSHUA N CHRISTOPHER, JOSH GARCIA, VERONICA GRAY, JULIE L GUTIERREZ, MIRIAM E HEADY, RAQUEL HERR, ALLYSON G KOZLEUCHAR, AMY M LARSON, GAVIN MAJORS, ERIC MICKOW, CHARLES E

## SW PACIFIC HWY

2017

(Cont'd)

17088	MINER, LEANN J PADILLA, GABRIEL SANDQUIST, BREANNA SEARS, KATHERINE SWONGER, BRIANNA WIERSMA, TIMOTHY B
17102	AGER, BONNIE L CHEN, JIE CHRISTENSEN, ROBERT E EILAND, KEILI FERGUS, JEFFREY T GARCIA, MARIO GLINES, MEGAN GREGORY, AUTUMN GUSTIN, LARRY S HAMILTON, RYAN A MCCORMICK, SHARON L SANTOS, ALICE WAINRIGHT, TG G WICK, JANET L
17124	BUNDY, MORGAN J CLIFTON, GABRIEL GRONDIN, GEORGE A MARTINEZ, ANTHONY MCLEAN, JUSTIN M MORGAN, CRISSTINA OLIVARES, LUIS A ORTIZ, RAYMOND M REYNOLDS, ZACKARY SMITH, SYNITA WALKER, SANDRA J
17135	TMOBILE
17146	ARENAS, RAYMOND BUECHLEY, OWEN S DOYLE, DENNIS FEFELOV, FROCIA T KORN, JOAN M LOGAN, NOBUKO LOVELL, ALISHA D MALAN, KELLY MATA, MARK PINEDO, CARLOS P TOBOLA, KIMBERLY S TORRES, WILLIAM A ZALE, IMAD T
17168	COSTANZO, SHEILA A DUGAN, CAROL L GISONDI, M J HICKMAN, IRIS L HOGAN, STEVEN K



**SW PACIFIC HWY****2017****(Cont'd)**

17168 LILLES, STEPHAN T  
MOFFITT, NATASHA  
MORROW, STEVE G  
PEARSON, TOM  
PERRY, JEFFREY S  
SCARRATT, SCOTT A  
SESSUMS, SANDRA K  
SOROSKY, TRUDYCE M  
WHITTLE, APRIL L  
WILD, NANCY  
WUNSCH, JOSIAH  
17219 MCREYNOLDS, GERRY N

**SW VERSAILLES LN 2017**

17005	GARLAND, GLORIA L
17007	MAHE, DOMINIQUE
17009	PERKIN, HOWARD P
17011	BERNARD, JA T
17013	TURNER, DARRIN J
17015	THENELL, JANICE C
17017	HEBERT, ALAN
17019	PERRY, WILLIAM B
17021	WALDRON, BETH W
17023	HUANG, LUDAN
17025	KNUDSEN, DLANE F
17027	HALEY, JANE L
17029	CHEN, VICTORIA Y
17031	SATCHEL, JACQUELINE A
17107	FELLER, LEAH E
17109	LANGER, CURTIS P
17111	GLEASON, CATHERINE E
17113	ANDERSON, WILLIA
17115	MINGER, JOHN S
17119	KNOX, LISA
17121	KRAFTHEFER, STEVEN J
17123	RUNDLE, KENNETH B

## SW PACIFIC HWY

2014

16875	ALOCKOUT SERVICE SPACE AGE FUEL
17000	AVALON PARK APARTMENTS
17012	ENDICOTT, ANNE
17022	BARNES, MATTHEW L BETCHER, KELLIE K BURK, JEREMY D HINDLEY, BILLY V HURSON, ANDREW MARTHA, SCOGGAN MARTIN, DESIREE MAXWELL, JORDAN MOLES, STEVEN T NEARY, KEITH E QUINN, BRYAN M VASQUEZ, DIONISIO VERRILL, VANESSA M WHELDEN, NICHOLAS E
17044	ALFORD, LINDSEY M ANDERSON, JONATHAN D CANNING, BRIAN L CARRUTHERS, NATOYA CROSS-LAW, MARY M EDWARDS, STEPHANIE L FORBA, KATHERINE HAMREUS, MIKE R KNOLL, JAMES R LILLES, STEPHAN T VONRUDEN, KIM
17066	BISHOP, JIM I GOTTSCALK, MICHELE GUERASSIO, AYLAM HENSLEY, JAMASON D LINDSAY, COLLEEN M LYNN, JENNIFER R MOWREY, IRVIN A OLIVARES, LUIS A RICHARDSON, ANGIE L SANCHEZ, ALYSSE SHEELAHS BELLY DANCE SMITH, VENESSA J VALLEJOS, MONICA YOUNG, WENDY L
17088	ARMSTRONG, MARK L BAYTLER, KARIM BENDI, RANDI BRUSCHWEIN, HEATHER COLLINS, JESSICA A CONROY, JOHN D DALLIMORE, TIMOTHY E

## SW PACIFIC HWY

2014

(Cont'd)

17088	DEVINK, HAYLEY FULLER, JOHN GELOTTE-CLARK, LEQUITA GUERRERO, MARCELO I HAMPSON, SARAH L PADILLA, GABRIEL WEINNER, LENORE E WIRGES, CASEY J
17099	RICHARDSON, ANGIE
17102	COHEN, NATHAN S DAVIS, BARBARA J FERGUS, JEFFREY T FLORES, KARINA GARCIA, MARIO GUSTIN, LARRY S KAHUT, JUSTIN LEWIS, LINDY G SCOTT, ELIZABETH A SHIVELY, ROBERT K SWENSON, MARY G WILSON, SHIZUKO
17124	BAILEY, RUSTY L CHEN, IVAN D HOFMANN, TOM ORTIZ, RAYMOND J ROWBOTTOM, CASEY RUSK, JAMES A SELBY, GREG L SMITH, CECIL R SOUTHARD, ASHLIE L WHITMORE, DEBORAH L
17146	ABERLE, BRUCE M DONALD, CHANSIE L FIGUEROA, MARTHA LAFOND, MICHAEL L PONZIO, MARIE L REHDER, JEFF SKINNER, JOY S
17168	BALLA, SUZY BUXTON, ANTHONY CALHOUN, BENJAMIN K EARLS, DEBRA GROVE, MICHAEL HICKMAN, IRIS L KING, DEBORAH M LUNDY, TIMOTHY A MORGAN, JON M RECKNAGLE, ALEXA SCHULLER, ADAM WHITTLE, APRIL L



**SW PACIFIC HWY****2014****(Cont'd)**

17168 WISEMAN, SHIRLEY A  
17219 MCREYNOLDS, GERRY N

**SW VERSAILLES LN 2014**

17005 GARLAND, GLORIA L  
17007 DRIVER, SHIRLEY I  
17009 MARCELLUS, GARY M  
17011 BERNARD, JA T  
17013 TURNER, DARRIN  
17015 THENELL, JANICE C  
17017 HEBERT, ALAN  
17019 PERRY, WILLIAM B  
17021 WALDRON, BETH W  
17023 HUANG, LUDAN  
17025 VANCLEAVE, CHARMAYNE P  
17027 HALEY, JOHN W  
17029 BOULTON, JOSEPH N  
17031 OCCUPANT UNKNOWN,  
17105 WARNER, DONALD  
17107 FELLER, LEAH E  
17109 OCCUPANT UNKNOWN,  
17111 GLEASON, CATHERINE E  
17113 ANDERSON, JANE L  
17115 MINGER, JOHN S  
17119 GRAHEK, DAVID L  
17121 KRAFTHEFER, STEVEN J  
17123 RUNDLE, KENNETH B

## SW PACIFIC HWY

2010

16875	SPACE AGE FUEL
17000	AVALON PARK APARTMENTS
17022	ALLISON, SEAN
	ANDERSON, AMANDA C
	ARMSTRONG, WALTER C
	BURK, JEREMY D
	HIROMURA, SCOTT M
	JOHNSON, JAY H
	JUAREZ, LUIS G
	LIPP, GARY
	MCGILL, GREGORY
	MCMAHON, ARIEL R
	RIVERA, RUTH A
17044	AZEVEDO, ROBERT J
	BARTROM, HOLLY
	CLANCY, DANIEL W
	ELVERS, ANNE R
	GARLAND, WILLIAM G
	HELGERSON, JODY
	KNOLL, J
	NUNN, BRENDA A
	REGAN, LYNDSY
	REYES, REBECCA
	SHUELL, BRAD A
	TOMOKANE, JEFFREY
	WISNIEWSKI, ANDREW
17066	BAINES, DAWN M
	BENIASIANS, CORI
	DOYLE, DENNIS
	GRAHAM, GWEN S
	JOHNSON, BRYAN T
	MAHONEY, BOB H
	MARTINEZ, PABLO C
	RICHARDSON, ANGIE L
	RYBURN, HOWARD T
	SIMARD, SONIA L
	WAINE, CHRISTOPHER L
	WARE, CHRIS
17088	ARMSTRONG, MARK L
	BERG, JUSTIS C
	FRIEND, MONIKA B
	GILYEAT, MICHELLE L
	HILLS, RANDALL
	KALISCH, LAVERNE C
	LARSON, MICHELLE L
	STRUK, BETHANY J
	WEINNER, LENORE E
17099	RICHARDSON, ANGIE
17102	DORSEY, RACHEL A
	LAWRENCE, DARRELL

## SW PACIFIC HWY

2010

(Cont'd)

17102	LEE, TRAVIS J MERLO, JANIECE L NEWMAN, JOHN SCHUBERG, PAM SCOTT, ELIZABETH A SOUTHARD, KRISTY L ZHEN, DAN H
17124	ESLICK, SCOTT A GIANNECCHINI, LANA M KELTNER, SUSAN KNIGHT, BEN W MALONEY, REBECCA L MCCUNE, NORBERTA OLSEN, SANDRA L ROONEY, DIANE E WILLIAMS, NICOLE M
17146	ABERLE, BRUCE M BOZZO, ALEXIS B BRUCE, JOSHUA D CHASE, DEBRA CUNNINGHAM, RODGER L GETZ, AARON R GRAFFIS, LYDIA A LEOS, CLAUDIA RHODES, KRISTY SCHMIDT, JEFFREY D SPENCER, RODNEY WILSON, BRIAN A
17168	ASH, JENNIFER M BARNET, DANIEL E FALSETTO, NADYNE O GYTRI, LISA M HICKMAN, IRIS L JAMES, ANITA T LIEBER, MARILYN R LOVE, JANELLE MILLER, MICHELE THAU, HOLLY R THOMSON, SHAWN VERRILL, VANESSA M WILD, NANCY
17219	TANNER, RANDALL C



**SW VERSAILLES LN 2010**

17005 OCCUPANT UNKNOWN,  
17007 DRIVER, SHIRLEY I  
17009 OCCUPANT UNKNOWN,  
17011 BERNARD, JAY T  
17013 OCCUPANT UNKNOWN,  
17015 THENELL, JANICE C  
17017 YOUNG, D G  
17019 PERRY, WILLIAM B  
17021 WALDRON, BETH W  
17023 OCCUPANT UNKNOWN,  
17025 VANCLEAVE, CHARMAYNE P  
17027 HALEY, JOHN P  
SPIRIT OF EMPOWERMENT HEALING  
17029 BOULTON, JOSEPH N  
17031 OCCUPANT UNKNOWN,  
17105 OCCUPANT UNKNOWN,  
17107 HAGUE, LEAH E  
17109 MITTENTORF, HELEN J  
17113 ANDERSON, JANE L  
17115 MINGER, JOHN S  
17117 EBORALL, JR  
17119 GRAHEK, MERRIE J  
17121 KRAFTHEFER, STEVEN J  
17123 RUNDLE, KENNETH B

## SW PACIFIC HWY

2005

17000	AVALON PARK APARTMENTS
17022	ANDERSON, DIANA
	ARMSTRONG, WALTER C
	BARNETT, JACKIE J
	BLANCHARD, WINSTON D
	CARLILE, KIMBERLY K
	DUTT, RESHMI C
	DVORAK, MICHELE K
	FREY, JESSE
	GARRISON FINANCIAL SOLUTIONS
	HEMMER, LYNN M
	HERNANDEZ, CARRIE S
	HOLLOWAY, MICHAEL
	JOHNSON, MARCELLA A
	MCGILL, GREGORY
	MERITT, TIFFANY D
	NGUYEN, THO
	PUFFER, JAMIE
	RICHARDSON, ANGIE L
	ROTELLI, HOLLOWAY C
	SHOOK, NICOLE D
	THRAPP, SARAH M
	WILLIS, GLEN E
	WOLF, AMBER N
17044	BARCLAY, MICHAEL A
	CLANCY, DANIEL W
	EISENBRAUN, MARLENE A
	FOX, JEFFREY Q
	HARTLEBEN, TODD F
	HINDLEY, JEFFREY S
	LINDBERG, BONNIE C
	LUNDELL, MIKE
	MORTENSON, LYNN
	ODLE, GREGORY
	PIVEN, NANCY L
	STALL, JOAN L
17066	AIELLO, DAX
	BAINES, DAWN M
	BLANKENSHIP, TOM
	BOUR, KATHERINE L
	CHASKO, JOEL
	CHILDS-MELTON, TRAVIS
	COURSON, DAVID B
	CUTSFORTH, SHAWN M
	EASTMAN, TIFFANY L
	GILYEAT, MICHELLE L
	HABIG, KEN
	HELGERSON, JODY
	INGLE, LINDA K
	JEFFRIES, PATRICIA M

## SW PACIFIC HWY

2005

(Cont'd)

17066	LIEBENOW, JASON LYNN, JENNIFER R MAHONEY, BOB H PATTIS CLEANING SERVICE SHOEMAKER, GERALD R TAYLOR, CHARLES E WEST COAST CYCLE WEST COAST ENTERPRISE YONSTARK, LYNNE L
17088	ANDERSON, MATT J BENSON, SANDRA A DEMAREST, TODD DUDNEY, RACHAEL GOLDAMMER, BILLY GRACE, ALEXIS GUBICH, IGOR HERNANDEZ, TONY PEARSON, JACK A REED, AMI SAUNDERS, JENNIFER SCHREITER, RACHAEL M SEGURA, JOSE A SHIPLEY, JEFF STOTZ, ERIC A VOELKER, SARAH WEBSTER, CHANNING WOLF, MARK YOUNG, ROBIN R
17102	ASAY, TYLER BERGER, WILLIAM CARPENTER, ANTHONY B CHARLES, MARTA J COLEMAN, JASON CROONQUIST, LEIF G CRUME, RYAN A DANIELS, DEREK DELYRA, MARINA B DENDY, ERIKA D EMERICK, DAN T ENDICOTT, MEGAN A GOSSAGE, GINA M GUIDOS, JANE HALL, SARAH E HALM, SAMUEL HAMILTON, RUTH A LOVELL, TEAGUE R MARKS, JAMES E RENAULT, NICK S ROGGOW, MICKEY A SNYDER, CARRIE L

## SW PACIFIC HWY

2005

(Cont'd)

17102 STOYE, STEVEN A  
 VOICEPRO INC  
 WILSON, FELON R

17124 APPLEBEE, CHRIS  
 BAILEY, KELLI A  
 BOWEN, JILM J  
 BURCH, RUSSELL E  
 CHRISTENSEN, JOE M  
 GIANNECCHINI, LANA  
 GREWELL, BENJAMIN T  
 GRONDIN, GEORGE A  
 HAMPTON, MICHAEL D  
 JORDAN, GERALD M  
 KNIGHT, BEN W  
 MAHE, DOMINIQUE  
 MALONEY, REBECCA  
 MCALLISTER, D N  
 NICOUD, JEFF  
 OSTOJO, REGINA  
 ROBISON, ROGER D  
 RODRIGUEZ, JAMIE  
 SCOTT, LEA C  
 SELBY, GREG L  
 SPARKS, JANE B  
 WILSON, S

17146 ABRAHAMSON, CHRISTINE N  
 ARNDT, EGON W  
 BERGMAN, GEOFFREY D  
 BRUCE, JOSHUA  
 CHOATE, MICHELLE D  
 DAVIS, JAMIE L  
 FIKE, TINA  
 FOLKINS, JARED  
 FRANZ, CHRIS G  
 GRACE, SYMPHONY  
 HAMILTON, NICHOLAS R  
 HOFFER, ANTHONY  
 KIM, SONYA  
 KINCH, BRIAN K  
 LEWIS, CHARLES J  
 LIPP, CANDACE L  
 MILLER, DREW  
 MORRISON, DARIN  
 PETERSON, MICHELLE  
 STOKES, CODY  
 SWETZOS, MARK  
 WILSON, BRIAN A

17168 AMOS, SHANNON D  
 ANDERSON, ROBERT  
 BADILLO, JASON



## SW PACIFIC HWY

2005

(Cont'd)

17168 BERGSTROM, SASHA L  
CATON, JEFFREY C  
COLEMAN, JASON  
COX, ANGELA  
DANLEY, MATTHEW P  
GALLEGOS, HUGO N  
GARLAND, J M  
GRACE, ANNANDRA L  
HANSEN, MICHAEL  
HUTCHISON, STEPHEN  
PANDIT, MANDAR  
PETERSEN, EDWARD  
RAKESTRAW, JEFFREY L  
TREVINO, JULIAN  
17219 TANNER, RANDALL C

**SW VERSAILLES LN 2005**

17005 OCCUPANT UNKNOWN,  
17007 DRIVER, SHIRLEY I  
17013 STEVENS, ISABELLE L  
17015 THENELL, JANICE C  
17017 YOUNG, D G  
17019 DOLBEER, DOROTHY A  
17021 LOWE, WALDRON H  
17023 FEIGION, MARIAN  
17025 VANCLEAVE, CHARMAYNE P  
17027 HALEY, JOHN W  
17029 BOULTON, CLYDENE E  
17031 CORDOVA, GILBERT M  
17107 CARRASCO, MARGIE A  
17109 MITTENTORF, HELEN J  
17111 HROMYKO, JUDITH A  
17113 ANDERSON, JANE L  
17115 MINGER, JOHN S  
17117 OCCUPANT UNKNOWN,  
17119 GRAHEK, MERRIE J  
17121 KRAFTHEFER, STEVEN J  
17123 RUNDLE, KENNETH B

## SW PACIFIC HWY

2000

16935	WESTFALL, PAUL J
17000	AVALONE APARTMENTS
	FULGENCIO, LAMBERT
	LAVIGNE, JOE L
17012	SHEARER, P
17022	BLANCHARD, LYNDIA J
	CASON, COLBY
	CATHCART, J C
	COOK, TARA R
	FEAR, LARRY T
	FRAZIER, JO K
	LATSHA, ERIC D
	LAVIGNE, JOE
	LEE, DANIEL B
	LORENZO, SHIELA E
	RUNDLE, KENNETH B
	SHAFFER, GLORIA L
	SNAVELY, JAY D
	SONNENBERG, C L
	STRAUSS, JON S
	SWAYNE, DOUGLAS H
	TRACY, KELLEY E
	WILLIAMS, CHAD
17044	BARBER, M
	COPE, D M
	CORTEZ, LUIS G
	DAY, DARLA L
	FISHER, ERICH
	HOBSON, ALTA J
	HULD, GREGORY B
	LOWS, MICHAEL
	MCMULLEN, MONICA M
	MERLINO, DONALD
	MORTENSON, LYNN
	PEBWORTH, JAMES L
	REDDY, S P
	SANIKOMMU, PRASAD R
17066	ARINGTON, C A
	BOWEN, J J
	ENLOE, MELODY
	GAVAZA, MICHAEL J
	GAY, RANDY
	KELSO, CHARLES F
	LIVELY, HEIDI
	MARSH, LANDON
	MELTON, SHANE
	OUELLETTE, RICHARD
	SITES, MATTHEW B
	SMITH, ROGER E
	WHITE, MICHAEL R

## SW PACIFIC HWY

2000

(Cont'd)

17088 BOURBONNAIS, MELANIE A  
 CREEDON, NIAL  
 DERRY, JACK D  
 HILLHOUSE, J  
 HOWARD, RYAN  
 KIRBY, BRIDGET C  
 MEAD, J D  
 UNDERDAL, KRISTEN D  
 WATERS, MARY E

17102 BELL, SARAH E  
 CACERSES, MICHAEL M  
 COX, CYNTHIA L  
 DONNELLY, BRIAN  
 HEIKEN, JILL J  
 KUBITZ, KEVIN  
 LAKE, BRIANNA C  
 LEE, MELISSA C  
 MERLO, JANIECE L  
 MILLER, C A  
 NORMAN, ERIN E  
 SANTOS, ELMER A  
 SUMMERS, TRUDY A  
 TA, KASIE  
 THOMAS, TROY  
 TUCKER, TERESA L  
 WILSON, FELON R

17124 ALLEN, STEPHEN P  
 ALT, LEAHA R  
 ANDERSON, MATT  
 BURCH, RUSSELL  
 CROUSE, SUSAN F  
 DOWNS, DONNA L  
 HEMANN, AMBER M  
 IRWIN, AMBER  
 KAYE, JEFFREY S  
 KEEHNEN, BECKY  
 KNIGHT, BEN W  
 LITTLE, CINDY M  
 LUND, DEBRA  
 MILLER, JOCELYN  
 POTIS, LEAHA R  
 ROBISON, ROGER D  
 SANFORD, IAN C  
 SCHAEFER, CHERYL  
 TALLY, RICHARD F  
 WHITMAN, ALEX R  
 WIRTH, T J  
 ZWEIGART, C A

17146 BROADFOOT, MARYANN  
 CHASE, MATTHEW

## SW PACIFIC HWY

2000

(Cont'd)

17146	COLE, ELDON J
	FIKE, TINA
	GALAMBOS, CHRIS
	OLSON, DEBRA A
	PALMA, MICHAEL
	PETERSON, M
	PUMFORD, AMY J
	REEVES, ELLEN
	SBARRA, MARK
	SUTHERLAND, BRUCE
	TISDALE, GARY B
17158	OCCUPANT UNKNOWN,
17168	ARMIJO, STUART A
	CROUSE, SUSAN F
	DAWUD, JOANNA
	DREYER, KRISTY
	GRANDAKUSUMA, PAULINE
	HOLM, AUDRY J
	HOUCK, CECILY E
	HUFFMAN, PATRICK D
	LEMARTE, MIKE
	LISH, J L
	LY, NANCY
	MOOTRY, JOHN M
	MORLEY, RYAN
	OLDHAM, MICHAEL J
	PLUNKETT, SHIRLEY M
	STOCKWELL, R
	TALLY, RICHARD F
	TAYLOR, AMY A
17219	SMITH, RICHARD L



**SW VERSAILLES RD 2000**

17007 DRIVER, SHIRLEY I  
17009 FAGENSTROM, JAMES R  
17011 LITTLE, DEA M  
17013 STEVENS, I  
17015 THENELL, JANICE C  
17019 DOLBEER, DOROTHY A  
17021 LOWE, WALDRON H  
17023 OCCUPANT UNKNOWN,  
17025 SMITH, JUDY  
17027 HALEY, JOHN W  
17029 OCCUPANT UNKNOWN,  
17031 WATTS, LINDA  
17105 WIGGIN, GRACE D  
17107 OCCUPANT UNKNOWN,  
17109 OCCUPANT UNKNOWN,  
17111 HROMYKO, JUDITH A  
17113 ANDERSON, WILLIAM  
17115 CULP, ZELMA M  
17117 OCCUPANT UNKNOWN,  
17119 GRAHEK, LEO M  
17121 KRAFTHEFER, STEVEN J

## SW PACIFIC HWY

1995

17000	AVALONE APARTMENTS BARKER, RUSS M WILSON, J L
17022	BECKIUS, TERRELL BLAKESLEE, H BRANSON, JEFF MOORE, ALLEN NEWTON, A PADILLA, YAHAIRA SANDOVAL, RAMIRO SHERRY, M STORRER, RUSTIN W
17044	ALLRED, BRENDA CARY, MICHAEL COPEMAN, MIKE CRANMER, MICHAEL ELTING, RIM GROSS, NADENE HORMAN, C KENNEDY, TROY MORTENSON, LYNN PAPE, DAVE PUGH, KEVIN ROBERTSON, THOMAS
17066	BERRY, SCOTT BURTON, PAUL CORNELISON, L D DEHN, STEPHEN ERSKINE, RONALD FLYNN, JOHN GALINDO, FIONA C HOERNER, DAVID JOHNSON, JAMES PAULUS, NORBERT RISTICK, SHANNON SCHWARTZ, ROBERT STEWART, BRYAN TAYLOR, LLOYD URCIEL, GILBERT
17088	ALASYH, HUTTIEM ALMY, THOMAS BETTESWORTH, CHAD HUTCHINS, LISA KNOUSE, MICHAEL OVERBAY, CHARLES W SCHEDIN, KEN SCOTT, LEE WHEELER, THOMAS
17102	ANGLIN, TONY J HALL, SHAWN

## SW PACIFIC HWY

1995

(Cont'd)

17102	LITTLE, ERIC
	MCKINNEY, LEANN
	PEACE, K
	REYNOLDS, FRANCES
	SCHRENK, KARA
	SEITZINGER, PEGGY
17124	CORL, SIDNEY
	GODLEWSKI, DANIEL M
	HARMAN, NICHOLE
	HEFLIN, LINDA
	HODGES, DAVID
	HOLMES, STEVEN
	KANIHO, RICHARD
	MAYES, MICHAEL
	MOORE, SUZY
	NELSON, CHARLES
	NICHOLS, CLAY D JR
	OJALA, KAREN
	RAPP, J
	REBISZ, C
	WEILAND, ERIC
17146	BENNETT, ERIN
	CONNOR, CHARLES
	GALAMBOS, CHRIS
	SCHMER, JOHN
	SHAFFER, BRENT
	TRESKE, THEO
	WILSON, BRIAN J
17168	BRAUNER, TONY
	ELLER, D A
	FARUQI, OZAI
	GILMAN, CHUCK
	KELLER, STEVEN D
	KING, EVAN
	KUNZMAN, J
	LATOURRETTE, RENEE
	MAGILKE, AMY
	MATARAZZO, DANIEL J
	SVOREN, JOHNNY
	YEPMA, P

**SW VERSAILLES RD 1995**

17005 NOWLAND, RAY O  
17007 DRIVER, SHIRLEY I  
17009 OCCUPANT UNKNOWNN  
17011 MILLER, PETE  
17013 OCCUPANT UNKNOWNN  
17017 OCCUPANT UNKNOWNN  
17021 WALDRON, BETH  
17023 DUNCAN, ROBERT H  
17025 JOHNSON, BRET  
17027 HALEY, JOHN W  
17029 OCCUPANT UNKNOWNN  
17031 CRYMES, S  
17105 OCCUPANT UNKNOWNN  
17111 GILLIAM, BILL  
17113 OCCUPANT UNKNOWNN  
17115 CULP, ZELMA M  
17117 OCCUPANT UNKNOWNN  
17119 GREENWOOD, EDWARD  
17121 OCCUPANT UNKNOWNN

## SW PACIFIC HWY

1992

16995	MATTHEW J MILLER
17000	AVALONE APTS
17022	AARON, LYNISA
	ANGLIN, TONY J
	DURR, LARRY
	JONES, ROBERT T
	LEE, MARK
	LINDSAY, SUZANNE
	PETERSON, JIM
	SMITH, CASEY
	SUTTON, LINDA
	TAIT, ROBERT
17044	GLAZE, ROBERT
	GREGOIRE, BRENT
	UPPINGHOUSE, CHRIS
17066	BRODERICK, GREG
	CLARKE, JAMES
	DEAM, MIKE
	EASTBOUND INC
	MILLER, TIMOTHY
	PAULUS, NORBERT
	TROYER, TIM
	ZWEIGART, PAUL
17085	SLOAN, DONALD
17088	ALMY, THOMAS
	AULD, JEFFREY
	DUNN, CHARLIE
	SALINAS, RANDAL
	SCHEDIN, KEN
17102	ISABELLA, PATRICK
	PHILLIPS, RICK
17124	LYNCH, K
	NELSON, CHARLES
	REYES, JERRY
	RICE, LARRY R
	SELLIKEN, GARRON C
17146	BAER, PHILLIP
	CONSTABLE, JOHN
	LISK, WENDY
	MORALES, JAMES
	MURDOCH, JOHN
	PERRY, CHRIS
	REE, CURTIS J
	WORLEY, JAMES
17165	STAR MOTEL
17168	ELLER, D A
	JORDAN, ANN
	KUNZMAN, J
	LIKE, CHRIS
	MEIER, HARLAN



**SW PACIFIC HWY**

**1992**

**(Cont'd)**

17168 OLIVER, L R  
ROSENER, TIM

**SW VERSAILLES RD****1992**

17013 G W MCREYNOLDS  
17119 PLANTS ARE US INC

SW PACIFIC HWY

1987

	<b>RR 3</b>	<b>97224</b>
16035	Sam Lindley . . . . .	71 639-2605
16120	H W Dayson . . . . .	77 639-4675
16165	. . . . .	NP
16200	Gabrielle Peetoom . . . .	- 636-0844
16250	Tim Rader . . . . .	- 636-1866
16270	. . . . .	NP
16485	A Bechtold . . . . .	▣ 620-0302
	★ King City Cnvlscnt . . .	77 620-5141
	Louis H Loewen . . . . .	86 639-0218
	Helen McCarteney . . . .	86 684-5419
	Lillian Pound . . . . .	▣ 684-9307
	Lorene Whittington . . . .	- 684-0551
16735	William D Abbott . . . . .	68 639-6362
	M E Alexander . . . . .	80 639-4167
	Russel Binkley . . . . .	- 639-1201

SW PACIFIC HWY

1987

16735	★ Blackwoods-Hrblf	. . .	✠	639-8955
	★ D&M Grocery	. . . . 83		639-0404
	Robert A Edwards	. . . . 82		620-4198
	Frank J Ellis	. . . . 79		620-6696
	C Fleury	. . . . 68		639-4442
	E J Guimary	. . . . 79		620-6781
	G C Halvorsen	. . . . 73		639-0788
	★ Herbalife Distrbtr	. . . . 86		639-8955
	Robt K Kelley	. . . .	✠	620-2238
	M M Lang	. . . . 78		639-6952
	E B Mustoe	. . . . 85		639-2004
	L M Neely	. . . . 83		620-7480
	Eleanor Precourt	. . . . 86		639-2289
	E K Sears	. . . . 71		639-1033
	Dave E Sprayberry	. . . .	✠	620-3731
	Ethel C Tyrrell	. . . . 84		620-2319
	Victor Vossen	. . . . 71		639-5449
	T C Wasson	. . . . 68		639-1651
	Bessie Williams	. . . . 73		639-5715
	Pard Wilson	. . . . 83		639-4488
16925	. . . . .		NP	
16995	★ Haagen Chpctc Cinc	. . . . 84		684-1273
	Matthew J Miller	. . . . 84		684-1273
	★ Dr Stephen Solomon	. . . .	✠	684-1273
17000	Gene Gray	. . . . 68		639-2545
17135	. . . . .		NP	
17150	Myron A Ray	. . . . 79		620-8669
17165	C Johnson	. . . .	✠	620-1303
	★ Star Motel	. . . .		639-2773
	111 RESIDENCE		359 BUSINESS	

## SW VERSAILLES RD 1987

## ● VERSAILLES RD SW

New Street-1983.

Tigard

## ● RR 3 . . . . . 97224

17000-17199 CT 320 \$A..D 5

17005	★ River Lake Village	. . . . . 84	620-4066
17009	John A Schell	. . . . . □	639-0124
17011	Joseph Tierney	. . . . . □	684-8229
17013	Scotty Crawley	. . . . . □	684-2850
17015	Kenneth B Hill	. . . . . 86	639-8573
	M H Hobson	. . . . . 86	639-8573
17017	Lewis M Castile	. . . . . 85	620-5576
17019	Walter C Jameson	. . . . . 86	620-4840
17021	Milton L Mills	. . . . . 85	620-6985
17023	Robert H Duncan	. . . . . □	620-8817
17025	A Sugarman	. . . . . 85	639-0845
17027	E A Calise	. . . . . 85	639-9084
17029	Jerrey Krzmarzick	. . . . . □	684-8210
17031	Leonard Ptak	. . . . . 86	620-8403
17105	Philip A Parker	. . . . . □	684-6463
17107	C P Welch	. . . . . □	620-7958
17109	George R Jackson	. . . . . 86	684-3217
17111	17113 17115	. . . . . NP	
17117		. . . . . NP	
17119	B A Gavino Jr	. . . . . □	620-8399
17121	William L Reynolds	. . . . . 85	620-4734
17123	Bennett Meyers	. . . . . □	684-1241
	23 RESIDENCE		1 BUSINESS



## SW PACIFIC HWY 1982

					<b>97223</b>
16485	Louise Bradford	.81	620-0494		
	X I Butler	-	639-1573		
	L B Ellenwood	.81	620-5118		
	E Ferrier	.81	684-1793		
	Sara B Gates	.81	639-8343		
	Mary Hamilton	-	639-2366		
	Norman L Haselton	.81	684-1704		
	Barbara Hayes	.81	639-9293		
	Helen Heimbrook	-	639-2289		
	Virginia R Hicks	.81	639-3256		
	Tillie Jacobson	.81	639-7342		
	Marion Johnson	.81	620-9231		
	M E Johnston	.80	620-6569		
	★King City Cnviscnt		<b>620-5141</b>		
	R Ferne Moseley	-	634-0645		
	Lela Munkers	.77	620-1316		
	Edward Rogelstad	.81	639-1658		
	Lawr Vanzandt	.81	620-1479		
	Rose Wick	.81	620-7195		
	C K Yerex	-	620-4637		
	L G Young	.81	639-9380		
16625	B A Brainard	.81	636-3837		
16735	William D Abbott	.68	639-6362		
	M E Alexander	.80	639-4167		
	H G Anderson	.69	639-4768		
	F C Blackwood	.76	639-8955		
	Hal Davis	.79	620-6002		
	George T Dilley	.79	620-2836		
	Robert A Edwards	-	620-4198		
	Frank J Ellis	.79	639-2886		
	Catherine Fleury	.69	639-4442		
	Hunter R Greening	.71	639-5250		
	E J Guimary	.79	620-6781		
	G C Halvorsen	.73	639-0788		
	Bertha Johnson	.81	639-3428		
	★Kwik Stop Market		<b>639-0404</b>		
	M M Lang	.78	639-6952		
	Maude Pedersbeck	.74	620-2745		
	E J Schooley	.69	639-1680		
	E K Sears	.71	639-1033		
	Robert C Swanson	.81	639-5583		
	Victor Vossen	.71	639-5449		
	T C Wasson	.68	639-1651		
	Bessie Williams	.73	639-5715		
	Pard Wilson	.78	639-4488		
16925	Jerry L Turner	.81	639-3793		
16995		.NP			
17000	Gene Gray	.68	639-2545		
17135		.NP			
17150	Myron A Ray	.79	620-5029		
17165	★Star Motel		<b>639-2773</b>		
	179 Residence		317 Business		

## SW PACIFIC HWY 1976

15630 RICHARD B MCMILLAN 4 6395199  
 16035 SAM LINDLEY 1 6392605  
 16120 NP  
 16165 EARL E SMITH 9 6393291  
 16200 LELAND C BIEBER -6363538  
 R ROBERT CAMPBELL #6362053  
 16250 MRS B J COFFEY 5 6352828  
 C A CCNDRS #6368365  
 KENNETH EARNEST 3 6361704  
 SONIA PLANTA #6362072  
 AUGUST H ZAHN 3 6353397  
 16270 L V JUNKIN 8 6392894  
 16735 WILLIAM D ABBOTT 8 6396362  
 H G ANDERSON 9 6394768  
 F C BLACKWCCD #6398955  
 WAYNE W EDWARDS 9 6397458  
 CATHERINE FLEURY 9 6394442  
 DELMA FORNEY 8 6391660  
 A L FUNK 9 6397902  
 HUNTER R GREENING 1 6395250  
 G C HALVORSEN 3 6390788  
 ELEANOR HARVEY 1 6397562  
 JEROME HCTCHKISS #6202148  
 B JOHNSON #6392531  
 M JOHNSON 1 6398394  
 HUGH MOCRE 5 6398944  
 MAUDE PEDERSBECK 4 6202745  
 R A PHILIP 9 6393032  
 E J SCHOOLEY 9 6391680  
 E K SEARS 1 6391033  
 VICTOR VCSEN 1 6395449  
 T C WASSON 8 6391651  
 BESSIE WILLIAMS 3 6395715  
 16885 J W SHUTER #6204418  
 16925 CARL J TWIDT -6204090  
 16955\*BRANT CSTM CONCRTE 6399340  
 16995 NP  
 17000 GENE GRAY 8 6392545  
 17135 NP  
 17150 RICHARD D BARRY #6204456  
 17165 LCUIE R BARNES #6391082  
 \*STAR MOTEL 6392773  
 17205 S FLIS #6397314  
 PHILLIP H WILLS 6393336  
 17211 THEO S CHURCHILL 9 6393375  
 17215 PHILLIP H WILLS JR 8 6391873  
 17865 HARRY N BIRD #6202094  
 LEONARD H PFCHL SR 5 6393682  
 17913\*TRI-CITY REF&AR CC#6204104  
 18210\*GATES CONSTRUCTN #6201241  
 18245 C CONNARLEY #6202439  
 C M CURRIE #6202357  
 DONNA MORGAN #6202908  
 THOMAS YOUNGBLCOB -6200257  
 18435\*DEE-GATCR&COMPANY #6201452  
 18610\*STHWEST READYMX CC 6200150  
 198 RESIDENCE 242 BUSINESS

## SW PACIFIC HWY 1970

ROBERT F LAKSHAS □6390892  
 13705\*HUDSON OIL CO 6399962  
 13735 MIKE SERRES 8 6391527  
 13765\*AGE SALES&RENTALS □6391314  
 \*100F HALL LODGE 75 6392835  
 13775 ELDON G TIDWELL □6399795  
 13825 ROBERT D HANCOCK 8 6396336  
 13855 JOHN P OBRIEN □6390885  
 13970\*TIGARD ENCO 6399969  
 13975 EARL GORBY □6394683  
 14030\*R LOHSES UNN 76 SV□6395050  
 14050\*BILL SNYDER CO 6396121  
  
 14055 L K TOWERS □6395556  
 14170\*FARM HOUSE MAPLE 6394611  
 14240 NP  
 14330 VERN D CALWAY 8 6392418  
 14350 NP  
 14600 J D ANNAND 8 6392417  
 C C HARTLEY 8 6392656  
 14950 EULA GRABER □6394312  
 14980 NATALIE J HASKETT 9 6394955  
 15280 C L CRAWFORD 8 6392721  
 15470 IDA M KIELHORN 8 6391302  
 15580 NP  
 15630\*OMAR NURSERY 6391433  
 WILLIAM E OMAR 8 6391433  
  
 15700 NP  
 16035 NP  
 16120 H W DAYSON 8 6394675  
 16125 NP  
 16165 EARL E SMITH 9 6393291  
 16270 L M JUNKIN 9 6397794  
 L V JUNKIN 8 6392894  
 16485 D MEDITZ 9 6396239  
 KENNETH L SHIREMAN 9 6397586  
 16733\*J MCDERMOTT REALTY-6396171  
 16735 E J SCHOOLEY 9 6391680  
 CATHERINE FLEURY 9 6394442  
 DELMA FORNEY 8 6391660  
 A L FUNK 9 6397902  
 DAVID A IVEY SR □6394039  
 T C WASSON 8 6391651  
 R M WEAVER □6394257  
 KARL HENDIKSON 9 6396300  
 H G ANDERSON 9 6394768  
 WILLIAM D ABBOTT 8 6396362  
 WILLIAM C H MCDAID 8 6393607  
 ANGES E UNGER 9 6391301  
 HARRY H UNGER 9 6391301  
 R A PHILIP 9 6393032  
 WAYNE W EDWARDS 9 6397458  
 SYB E EATON 8 6392674  
 K KATHERINE SKAKS 8 6391033  
 16885 NP  
 16925 E W KRUCKMAN JR 8 6391855  
 16995 DEWAYNE ROE 9 6397184  
 17000 GENE GRAY 8 6392545  
 17135 NP  
 17150 NP  
 17165\*STAR MOTEL 6392773  
 ORVILLE SHAWVER 8 6392773  
 17205 PHILLIP H WILLS 6393336  
 S LAUGHMAN □6398289  
 17211 THEO S CHURCHILL 9 6393375  
 17215 PHILLIP H WILLS JR 8 6391873  
 17915\*MUTUAL REALTY 6392102  
 167 RESIDENCE 175 BUSINESS

**EXHIBIT B-4: TITLE SEARCH RECORDS**

**Not Applicable to This Report**

## **APPENDIX C: REGULATORY RECORDS DOCUMENTATION**



## **EXHIBIT C-1: MAPPED DATABASE REPORT**

**The Mapped Database Report is only included in the electronic version of this report.**

**17165 SW Pacific Highway**

17165 SW Pacific Highway

Portland, OR 97224

Inquiry Number: 6860454.2s

February 15, 2022

## The EDR Radius Map™ Report with GeoCheck®



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 (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

17165 SW PACIFIC HIGHWAY  
PORTLAND, OR 97224

#### **COORDINATES**

Latitude (North):	45.3958720 - 45° 23' 45.13"
Longitude (West):	122.7998920 - 122° 47' 59.61"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	515663.1
UTM Y (Meters):	5026730.0
Elevation:	144 ft. above sea level

### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map:	14878100 BEAVERTON, OR
Version Date:	2020

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

Portions of Photo from:	20140630
Source:	USDA

# MAPPED SITES SUMMARY

Target Property Address:  
17165 SW PACIFIC HIGHWAY  
PORTLAND, OR 97224

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	TUALATIN VALLEY FIRE	17135 SW PACIFIC HWY	LUST, OR HAZMAT, HSIS	Higher	80, 0.015, NE
<a href="#">2</a>	RIVER'S EDGE	17205 SW PACIFIC HWY	LUST, NPDES	Lower	350, 0.066, SW
<a href="#">3</a>	EARLEY PROPERTY	11700 SW GRAVEN ST.	ECSI, VCP, SPILLS	Higher	676, 0.128, NE
<a href="#">A4</a>	SPACE AGE FUEL	16875 SW PACIFIC HWY	UST	Higher	807, 0.153, NNE
<a href="#">A5</a>	CEDAR PARK MANOR	16735 SW PACIFIC HWY	UST	Higher	1028, 0.195, North
<a href="#">6</a>	HEATING OIL TANK	16705 SW PACIFIC HWY	LUST	Higher	1267, 0.240, North
<a href="#">7</a>	HEATING OIL TANK	12345 SW KING RICHA	LUST	Higher	1284, 0.243, NW
<a href="#">B8</a>	HEATING OIL TANK	16605 SW QUEEN MARY	LUST	Higher	1755, 0.332, NNW
<a href="#">B9</a>	HEATING OIL TANK	16565 SW QUEEN MARY	LUST	Higher	1810, 0.343, NNW
<a href="#">C10</a>	HEATING OIL TANK	16770 SW 113TH AVE	LUST	Higher	2037, 0.386, ENE
<a href="#">11</a>	HEATING OIL TANK	17905 SW PACIFIC HWY	LUST	Higher	2070, 0.392, SSW
<a href="#">C12</a>	HEATING OIL TANK	16780 SW 113TH AVE	LUST	Higher	2126, 0.403, ENE
<a href="#">13</a>	HEATING OIL TANK	16550 SW 113TH AVE	LUST	Higher	2192, 0.415, NE
<a href="#">14</a>	HEATING OIL TANK	16800 SW 113TH AVE	LUST	Higher	2263, 0.429, ENE
<a href="#">15</a>	ESTBY GAS STATION AT	16200 SW PACIFIC HWY	LUST, UST, OR HAZMAT	Higher	2383, 0.451, NNE
<a href="#">16</a>	HEATING OIL TANK	16410 SW 113TH AVE	LUST	Higher	2583, 0.489, NE
<a href="#">17</a>	VALLEY YARD SUPPLY	18230 SW PACIFIC HWY	ECSI, AST, VCP, HSIS	Higher	3415, 0.647, SSW
<a href="#">18</a>	LEVETON PROPERTIES	CORNER OF SW 118TH A	ECSI, VCP, FINDS	Lower	3896, 0.738, South
<a href="#">19</a>	TUALATIN RIVER PIPEL	2S/1W/S16C	ECSI, CRL, INST CONTROL, VCP, FINDS	Lower	4387, 0.831, WSW
<a href="#">20</a>	SUMMERFIELD CIVIC AS	10650 SW SUMMERFIELD	ECSI	Higher	4632, 0.877, NE
<a href="#">21</a>	BARSTAD SAND PIT	18400 SW PACIFIC HWY	ECSI, FINDS	Lower	4761, 0.902, SSW



## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

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

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

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

Delisted NPL..... National Priority List Deletions

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

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

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

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

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

CORRACTS..... Corrective Action Report

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

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

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

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

#### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

## EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

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

SWF/LF..... Solid Waste Facilities List

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

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

FEMA UST..... Underground Storage Tank Listing  
AST..... Aboveground Storage Tanks  
INDIAN UST..... Underground Storage Tanks on Indian Land

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

ENG CONTROLS..... Engineering Controls Recorded at ESCI Sites  
INST CONTROL..... Institutional Controls Recorded at ESCI Sites

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

BROWNFIELDS..... Brownfields Projects

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

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

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

HIST LF..... Old Closed SW Disposal Sites  
SWRCY..... Recycling Facility Location Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
IHS OPEN DUMPS..... Open Dumps on Indian Land

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

US HIST CDL..... Delisted National Clandestine Laboratory Register  
AOCONCERN..... Columbia Slough  
CDL..... Uninhabitable Drug Lab Properties

## EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Spill Database  
OR HAZMAT..... Hazmat/Incidents  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
ECHO..... Enforcement & Compliance History Information  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
AIRS..... Oregon Title V Facility Listing  
COAL ASH..... Coal Ash Disposal Sites Listing

## EXECUTIVE SUMMARY

DRYCLEANERS.....	Drycleaning Facilities
Enforcement.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HSIS.....	Hazardous Substance Information Survey
MANIFEST.....	Manifest Information
NPDES.....	Wastewater Permits Database
UIC.....	Underground Injection Control Program Database
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

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

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

ECSI: The Environmental Cleanup Site Information System records information about sites in Oregon that may be of environmental interest. The data come from the Department of Environmental Quality.

A review of the ECSI list, as provided by EDR, and dated 12/01/2021 has revealed that there are 6 ECSI sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>EARLEY PROPERTY</i></b>	<b><i>11700 SW GRAVEN ST.</i></b>	<b><i>NE 1/8 - 1/4 (0.128 mi.)</i></b>	<b><i>3</i></b>	<b><i>15</i></b>

## EXECUTIVE SUMMARY

Size: 0.19 acre  
Investigation: No Further Action  
State ID Number: 3318

<b>VALLEY YARD SUPPLY</b>	<b>18230 SW PACIFIC HWY</b>	<b>SSW 1/2 - 1 (0.647 mi.)</b>	<b>17</b>	<b>29</b>
Size: 3.47 acres Investigation: No Further Action State ID Number: 801				
<b>SUMMERFIELD CIVIC AS</b>	<b>10650 SW SUMMERFIELD</b>	<b>NE 1/2 - 1 (0.877 mi.)</b>	<b>20</b>	<b>71</b>
Investigation: Suspect State ID Number: 6185				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LEVETON PROPERTIES</b>	<b>CORNER OF SW 118TH A</b>	<b>S 1/2 - 1 (0.738 mi.)</b>	<b>18</b>	<b>43</b>
Size: 32 acres Investigation: No Further Action State ID Number: 2038				
<b>TUALATIN RIVER PIPEL</b>	<b>2S/1W/S16C</b>	<b>WSW 1/2 - 1 (0.831 mi.)</b>	<b>19</b>	<b>47</b>
Size: 2 to 3 acres Investigation: Listed on the CRL/Inventory State ID Number: 1682 Decode For Further Action: Low				
<b>BARSTAD SAND PIT</b>	<b>18400 SW PACIFIC HWY</b>	<b>SSW 1/2 - 1 (0.902 mi.)</b>	<b>21</b>	<b>72</b>
Size: 30.24 acres Investigation: Suspect State ID Number: 1815 Decode For Further Action: Low				

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

A review of the CRL list, as provided by EDR, and dated 11/01/2021 has revealed that there is 1 CRL site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TUALATIN RIVER PIPEL</b>	<b>2S/1W/S16C</b>	<b>WSW 1/2 - 1 (0.831 mi.)</b>	<b>19</b>	<b>47</b>
Facility Status: Certification of Completion Facility Id: 1682				

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

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's LUST Database List.

A review of the LUST list, as provided by EDR, and dated 10/01/2021 has revealed that there are 13 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TUALATIN VALLEY FIRE</b>	<b>17135 SW PACIFIC HWY</b>	<b>NE 0 - 1/8 (0.015 mi.)</b>	<b>1</b>	<b>8</b>

## EXECUTIVE SUMMARY

Facility ID: 34-91-0345 Cleanup Complete: 10/04/1993				
HEATING OIL TANK Facility ID: 34-09-0203 Cleanup Complete: 04/02/2009	16705 SW PACIFIC HWY	N 1/8 - 1/4 (0.240 mi.)	6	22
HEATING OIL TANK Facility ID: 34-01-6132 Cleanup Complete: 09/18/2001	12345 SW KING RICHAR	NW 1/8 - 1/4 (0.243 mi.)	7	23
HEATING OIL TANK Facility ID: 34-11-1120	16605 SW QUEEN MARY	NNW 1/4 - 1/2 (0.332 mi.)	B8	23
HEATING OIL TANK Facility ID: 34-96-0025	16565 SW QUEEN MARY	NNW 1/4 - 1/2 (0.343 mi.)	B9	23
HEATING OIL TANK Facility ID: 34-04-2060 Cleanup Complete: 02/23/2005	16770 SW 113TH AVE	ENE 1/4 - 1/2 (0.386 mi.)	C10	24
HEATING OIL TANK Facility ID: 34-19-0270 Cleanup Complete: 06/26/2019	17905 SW PACIFIC HWY	SSW 1/4 - 1/2 (0.392 mi.)	11	24
HEATING OIL TANK Facility ID: 34-12-0123 Cleanup Complete: 12/13/2019	16780 SW 113TH AVE	ENE 1/4 - 1/2 (0.403 mi.)	C12	24
HEATING OIL TANK Facility ID: 34-12-1307 Cleanup Complete: 11/19/2013	16550 SW 113TH AVE	NE 1/4 - 1/2 (0.415 mi.)	13	25
HEATING OIL TANK Facility ID: 34-17-0434	16800 SW 113TH AVE	ENE 1/4 - 1/2 (0.429 mi.)	14	25
<b>ESTBY GAS STATION AT</b> Facility ID: 34-05-2428 Cleanup Complete: 04/12/2006	<b>16200 SW PACIFIC HWY</b>	<b>NNE 1/4 - 1/2 (0.451 mi.)</b>	<b>15</b>	<b>25</b>
HEATING OIL TANK Facility ID: 34-10-0829	16410 SW 113TH AVE	NE 1/4 - 1/2 (0.489 mi.)	16	29
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>RIVER'S EDGE</b> Facility ID: 34-15-0399 Cleanup Complete: 06/22/2015	<b>17205 SW PACIFIC HWY</b>	<b>SW 0 - 1/8 (0.066 mi.)</b>	<b>2</b>	<b>14</b>

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's UST List on Disk.

A review of the UST list, as provided by EDR, and dated 10/01/2021 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<b>Equal/Higher Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
SPACE AGE FUEL	16875 SW PACIFIC HWY	NNE 1/8 - 1/4 (0.153 mi.)	A4	22



## EXECUTIVE SUMMARY

Facility ID: 12177  
CEDAR PARK MANOR 16735 SW PACIFIC HWY N 1/8 - 1/4 (0.195 mi.) A5 22  
Facility ID: 10913

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

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

A review of the VCP list, as provided by EDR, and dated 01/05/2022 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

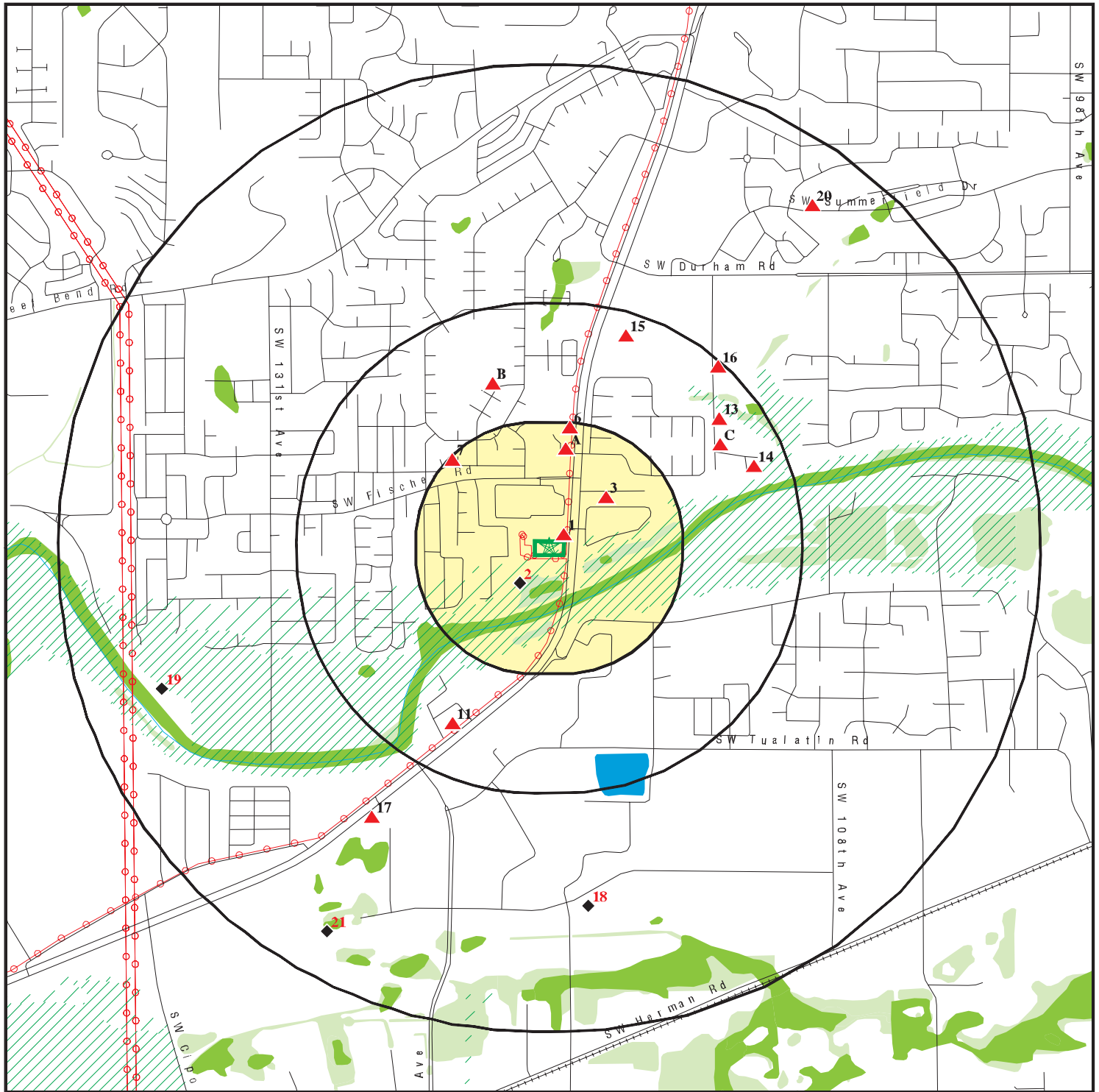
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EARLEY PROPERTY</b>	<b>11700 SW GRAVEN ST.</b>	<b>NE 1/8 - 1/4 (0.128 mi.)</b>	<b>3</b>	<b>15</b>
Action: NO FURTHER STATE ACTION REQUIRED				
Action: Independent Cleanup Program				
ECS Site ID: 3318				
Facility Size: 0.19 acre				

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
COLUMBIA SLOUGH	ECSI, CRL, ENG CONTROLS
EAST SIDE CSO	ECSI, VCP
WILLAMETTE RIVER DOWNTOWN REACH	ECSI
350 S PACIFIC HIGHWAY	HMIRS

# OVERVIEW MAP - 6860454.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

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

SITE NAME: 17165 SW Pacific Highway  
ADDRESS: 17165 SW Pacific Highway  
Portland OR 97224  
LAT/LONG: 45.395872 / 122.799892

CLIENT: Alpha Environmental Services  
CONTACT: Casey Ward  
INQUIRY #: 6860454.2s  
DATE: February 15, 2022 1:47 pm

# DETAIL MAP - 6860454.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

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

SITE NAME: 17165 SW Pacific Highway  
ADDRESS: 17165 SW Pacific Highway  
Portland OR 97224  
LAT/LONG: 45.395872 / 122.799892

CLIENT: Alpha Environmental Services  
CONTACT: Casey Ward  
INQUIRY #: 6860454.2s  
DATE: February 15, 2022 1:49 pm

## 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>STANDARD ENVIRONMENTAL RECORDS</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	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
ECSI	1.000		0	1	0	5	NR	6
CRL	1.000		0	0	0	1	NR	1
<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		2	2	9	NR	NR	13

## 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	2	NR	NR	NR	2
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>								
VCP	0.500		0	1	0	NR	NR	1
INDIAN 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>								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
OR HAZMAT	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Enforcement	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HSIS	0.001		0	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
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## 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
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	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	2	6	9	6	0	23

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
NE  
< 1/8  
0.015 mi.  
80 ft.

**TUALATIN VALLEY FIRE & RESCUE**  
**17135 SW PACIFIC HWY**  
**TIGARD, OR 97224**

**LUST** **S100496602**  
**OR HAZMAT** **N/A**  
**HSIS**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**149 ft.**

Name: TUALATIN VALLEY FIRE & RESCUE #225  
Address: 17135 SW PACIFIC HWY  
City,State,Zip: KING CITY, OR 97224  
Region: North Western Region  
Facility ID: 34-91-0345  
Cleanup Received Date: 09/09/1991  
Cleanup Start Date: 09/06/1991  
**Cleanup Complete Date: 10/04/1993**  
**Decode for Region: North West Region**

**HAZMAT:**

Name: Not reported  
Address: 17135 SW PACIFIC HWY  
City,State,Zip: TIGARD, OR 97062  
Responsible Party: Not reported  
RP Company: Not reported  
RP Address: Not reported  
RP City,St,Zip: Not reported  
Facility ID: 14588  
OERS Number: Not reported  
Dept Rsp: Not reported  
Narrative: Not reported  
Property Loss: Not reported  
Amount Released: Not reported  
Service County: Not reported  
Service Name: TUALATIN VALLEY F&R  
Incident Type: Not reported  
Civilian Casualty Activity: Not reported  
Chemical Name: Not reported  
Hazmat Area Affected: Not reported  
Hazmat Area Evacuated: Not reported  
Hazmat Container Type: Not reported  
Hazmat Physical State Released: Not reported  
Hazmat Released Into: Not reported  
Hazmat Released Volume Units: Not reported  
Hazmat Released Weight Units: Not reported  
Hazmat Released From: Not reported  
Hazmat Area Affected Measurement: Not reported  
Hazmat No. of People Evacuated: Not reported  
Hazmat No of Buildings Evacuated: Not reported  
Incident Content Loss: Not reported  
Civilian Casualty Patient Disposition: Not reported  
Incident Mixed Use Property: Not reported  
Location Type: Street address  
Incident Aid Given Or Received: None  
Incident AID Received from FDID: Not reported  
Incident Aided Department FDID: Not reported  
Person Involved Business Name: Not reported  
Person Involved First Name: Not reported  
Person Involved Last Name: Not reported  
Person Involved Type: Not reported  
Person Involved Phone Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN VALLEY FIRE & RESCUE (Continued)**

**S100496602**

Person Involved Primary Language:	Not reported
Hazmat Evacuated Measurement:	Not reported
Hazmat Story of Release:	Not reported
Remark:	Faulty oven at TVFR station 35 producing CO detected by our handheld gas monitor to be 140 PPM in kitchen near front of stove. Turned off gas at valve behind stove, and unplugged from 110 outlet. Opened windows and doors to naturally ventilate, checked rest of building, and called C7 for assistance.
Incident District:	Not reported
Date Added:	Not reported
Unit:	Not reported
Agency Phone:	Not reported
Osfm Incident Report Number:	14588
Dept. Responding:	Not reported
Person Making Report:	Not reported
Title:	Not reported
Agency:	Not reported
Phone:	Not reported
Date Of Incident:	03/13/2017
Call Time:	18:20
In Route:	Not reported
Arrival:	Not reported
Depart Scene:	Not reported
Back In Quarters:	Not reported
In Service:	Not reported
Dist Of Incident:	Not reported
Were State Resources Used?:	Not reported
Was Oers Notified?:	Not reported
Oers Number:	Not reported
Team Number:	Not reported
Agency Report Number:	Not reported
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Not reported
Area Type:	Not reported
Responsible Party(ies):	Not reported
Company:	Not reported
Respcontact:	Not reported
Address:	Not reported
Resp City:	Not reported
Resp State:	Not reported
Resp ZipCode:	Not reported
Phone:	Not reported
Resp Phone2:	Not reported
Weather:	Not reported
Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Were Haz Materials Released?:	Not reported
Operation Performed:	Not reported
Cause:	Not reported
Vehicle And Cargo:	Not reported
Fixed Property:	Not reported
Total Loss:	Not reported
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN VALLEY FIRE & RESCUE (Continued)**

**S100496602**

Hazmat Factors Contributing To Release: Not reported  
Hazmat DOT Hazard Classification: Not reported  
Hazmat CAS Number: Not reported  
Hazardous Materials Release: Not reported  
Fire Incident Type: Carbon monoxide incident  
Property Use: Fire station  
Latitude: Not reported  
Longitude: Not reported  
Hazmat Disposition: Not reported

**Action:**

Incident Id: 14588  
Action At Scene: Evaluate

**HSIS:**

Name: TUALATIN VALLEY FIRE & RESCUE  
Address: 17135 SW PACIFIC HWY  
City,State,Zip: TIGARD, OR 97224  
Facility ID: 019548  
Department Or Division Of Company: Not reported  
Chemical Is Extremely Hazardous Substance (EHS: Not reported  
Contains 112R: Not reported  
Facility Has Written Emergency Plan: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
Manager Name: Not reported  
Business Phone: Not reported  
Mailing Address: Not reported  
Mailing City: Not reported  
Mailing State: Not reported  
Mailing Zip: Not reported  
No. of Employees: Not reported  
Day Phone: Not reported  
Placard: Not reported  
Fire Dept Code: Not reported  
FD: TUALATIN VALLEY F&R  
Sprinkler System: Not reported  
Emergency Contact: Not reported  
Emergency Procedure: Not reported  
Business Type: Not reported  
Facility Type: Government  
Department: STATION 35  
Status: ACTIVE  
Latitude: 45.3963  
Longitude: -122.8  
Status TRI: Active  
Status RMP: Active  
Status PSM: Active  
Status CR2K: Active  
Status 302: Active  
Owner Name: MICHAEL DUYCK  
Last Reported ID: 40837  
Case Number: 74986  
Chemical Name: PROPANE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN VALLEY FIRE & RESCUE (Continued)**

**S100496602**

EHS Name: Not reported  
Is Pure: Yes  
Is Mix: No  
Is EHS: Not reported  
Mixture Component: Not reported  
Maximum Daily Amount Code: 10  
Maximum Daily Amount Unit: gal  
Chemical Added Date: 08/02/2017  
Is Chem PSM: No  
Is Chem 112R: Yes  
Is Chem 302: No  
Is Pesticide: No  
Is Fertilizer: No  
Physical State: Gas  
UNNA Number: 1978  
NFPA Health: 2  
NFPA Flammability: 4  
NFPA Reactivity: 0  
NFPA Special Notice: N/A  
Hazards: Physical Combustive  
Number of Days Onsite: 365  
Year: 2018

Case Number: Not reported  
Chemical Name: Not reported  
EHS Name: Not reported  
Is Pure: Not reported  
Is Mix: Not reported  
Is EHS: Not reported  
Mixture Component: Not reported  
Maximum Daily Amount Code: Not reported  
Maximum Daily Amount Unit: Not reported  
Chemical Added Date: Not reported  
Is Chem PSM: Not reported  
Is Chem 112R: Not reported  
Is Chem 302: Not reported  
Is Pesticide: Not reported  
Is Fertilizer: Not reported  
Physical State: Not reported  
UNNA Number: Not reported  
NFPA Health: Not reported  
NFPA Flammability: Not reported  
NFPA Reactivity: Not reported  
NFPA Special Notice: Not reported  
Hazards: Not reported  
Number of Days Onsite: Not reported  
Year: Not reported

Case Number: Not reported  
Chemical Name: Not reported  
EHS Name: Not reported  
Is Pure: Not reported  
Is Mix: Not reported  
Is EHS: Not reported  
Mixture Component: Not reported  
Maximum Daily Amount Code: Not reported  
Maximum Daily Amount Unit: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN VALLEY FIRE & RESCUE (Continued)**

**S100496602**

Chemical Added Date:	Not reported
Is Chem PSM:	Not reported
Is Chem 112R:	Not reported
Is Chem 302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
Number of Days Onsite:	Not reported
Year:	Not reported

Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum Daily Amount Code:	Not reported
Maximum Daily Amount Unit:	Not reported
Chemical Added Date:	Not reported
Is Chem PSM:	Not reported
Is Chem 112R:	Not reported
Is Chem 302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported
NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
Number of Days Onsite:	Not reported
Year:	2019

Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum Daily Amount Code:	Not reported
Maximum Daily Amount Unit:	Not reported
Chemical Added Date:	Not reported
Is Chem PSM:	Not reported
Is Chem 112R:	Not reported
Is Chem 302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN VALLEY FIRE & RESCUE (Continued)**

**S100496602**

UNNA Number: Not reported  
NFPA Health: Not reported  
NFPA Flammability: Not reported  
NFPA Reactivity: Not reported  
NFPA Special Notice: Not reported  
Hazards: Not reported  
Number of Days Onsite: Not reported  
Year: 2018

**Chemical:**

Chemical Name: LEAD ACID BATTERIES  
Physical Description: SOLID  
Case Number: Not reported  
Facility Id: 090560  
Physical State Of The Substance: 1  
Average Amount Possessed During The Year Code: 20  
Maximum Amount Possessed During The Year Code: 20  
Applicable Unit Of Measure Code: 1  
Description Of The Unit Of Measure: POUNDS  
Type Code: R  
Description: OTHER  
Type Code: Not reported  
Temperature Description: Not reported  
Pressure of Code: 1  
Pressure Description: NORMAL PRESSURE  
Pressure of Code: Not reported  
Pressure Description: Not reported  
Temperature Description: NORMAL TEMPERATURE  
Temperature of The Hazardous Substance Code: 4  
Temperature Description: Not reported  
Temperature of The Hazardous Substance Code: Not reported  
Days Hazardous Substance On Site During Year: 365  
Is The Substance Protected A Trade Secret: False  
Description Of The Max Qnty Code: 1,000-4,999  
Description Of The Avg Qnty Code: 1,000-4,999  
Most Hazardous Ingridient: SULFURIC ACID  
United Nations/north America 4 Digit Class Number: 2794  
Hazard Rank: 4  
EHS Ingredient: SULFURIC ACID  
Substance Pure: False  
Substance Mix: True  
First Hazardous Class Code For Chemical: Acute Health Hazard  
Second Hazardous Class Code For Chemical: Corrosive Material  
Third Hazardous Class Code For Chemical: Chronic Health Hazard  
Hazard Class 1 Of The Chemical: 6.3  
Hazard Class 2 Of The Chemical: 8.0  
Hazard Class 3 Of The Chemical: 6.4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2  
SW  
< 1/8  
0.066 mi.  
350 ft.

**RIVER'S EDGE**  
**17205 SW PACIFIC HWY**  
**KING CITY, OR 97224**

**LUST**  
**NPDES** **S108660984**  
**N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**122 ft.**

Name: HEATING OIL TANK  
Address: 17205 SW PACIFIC HWY  
City,State,Zip: TIGARD, OR 97224  
Region: North Western Region  
Facility ID: 34-15-0399  
Cleanup Received Date: 03/26/2015  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: 06/22/2015**  
**Decode for Region: North West Region**

**NPDES:**

Name: RIVER'S EDGE  
Address: 17205 SW PACIFIC HWY  
City,State,Zip: KING CITY, OR 97224  
WQ File Nbr: 123993  
Legal Name: DR HORTON INC. - PORTLAND  
Region: NWR  
Pri SIC: 1521  
Latitude: 45.3948  
Longitude: -122.8011  
Category: STORMWATER  
Permit Type: GEN12C(AGENT)  
Permit Active: FALSE  
Permit Description: Storm Water: Construction activities - 1 acre or more - local agent  
Expiration Date: 12/14/2020  
EPA Number: ORR10D881  
UIC Facility: FALSE  
Admin Agent: Clean Water Services  
Last Action Date: 11/14/2018  
Permit Writer: Not reported  
Compliance Inspector: Not reported  
DMR Reviewer: Not reported  
Application Number: 959375  
Class: N/A  
Start Date: 12/09/2014  
Region Decode: North West Region  
Ownership: PRIVATE  
Permit Group: NPDES General Permit - Industrial storm water discharges  
EPA Class: MINOR  
Permit Number: 30470

Name: LINDQUIST PROPERTY  
Address: 17205 SW PACIFIC HWY  
City,State,Zip: KING CITY, OR 97224  
WQ File Nbr: 117263  
Legal Name: TRANS WEST HOUSING, INC.  
Region: NWR  
Pri SIC: 1522  
Latitude: 45.3949  
Longitude: -122.7994  
Category: STORMWATER  
Permit Type: GEN12C(AGENT)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIVER'S EDGE (Continued)**

**S108660984**

Permit Active: FALSE  
Permit Description: Storm Water: Construction activities - 1 acre or more - local agent  
Expiration Date: 11/30/2010  
EPA Number: ORR10B500  
UIC Facility: FALSE  
Admin Agent: Clean Water Services  
Last Action Date: 12/16/2010  
Permit Writer: Nusrala, James  
Compliance Inspector: Nusrala, James  
DMR Reviewer: Nusrala, James  
Application Number: 974211  
Class: N/A  
Start Date: 08/13/2007  
Region Decode: North West Region  
Ownership: PRIVATE  
Permit Group: NPDES General Permit - Industrial storm water discharges  
EPA Class: MINOR  
Permit Number: 22813

**3  
NE  
1/8-1/4  
0.128 mi.  
676 ft.**

**EARLEY PROPERTY  
11700 SW GRAVEN ST.  
TIGARD, OR 97224**

**ECSI S107593617  
VCP N/A  
SPILLS**

**Relative:  
Higher  
Actual:  
158 ft.**

ECSI:  
Name: EARLEY PROPERTY  
Address: 11700 SW GRAVEN ST.  
City,State,Zip: TIGARD, OR 97224  
State ID Number: 3318  
Brown ID: 0  
Study Area: False  
Region ID: 2  
Legislative ID: 831  
Investigation: No Further Action  
FACA ID: 44697  
Further Action: 0  
Lat/Long (dms): 45 23 50.00 / -122 47 51.00  
County Code: 34.00  
Score Value: Not reported  
Cerclis ID: Not reported  
Township Coord.: 2.00  
Township Zone: S  
Range Coord: 1.00  
Range Zone: W  
Section Coord: 15  
Qtr Section: BD  
Tax Lots: 2300  
Size: 0.19 acre  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 09/01/2006  
Created Date: 04/11/2002  
Decode For RegionID: Northwest Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: No Further Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EARLEY PROPERTY (Continued)**

**S107593617**

Decode For Legislative: Owner, operator or other party under agreement, order or consent  
decree under ORS 465.200 or 465.420

Alias Name: Nancy Earley Property

**Hazardous Release:**

Substance ID.: 122012

Haz Release ID: 379318

Qty Released: Not reported

Date Released: Not reported

Update Date: 05/28/2002

Update By: Not reported

Substance Code: ECD275

Substance Name: TOTAL PETROLEUM HYDROCARBONS (TPH)

Substance Abbrev.: Not reported

Substance Category ID: 8540

Substance Category: Petroleum Related Releases for OSPIRG Report

Category Level: Not reported

Created By: Not reported

Created Date: 12/17/2002

Substance Category ID: 8540

Substance Category: Petroleum Related Releases for OSPIRG Report

Category Level: Not reported

Created By: Not reported

Created Date: 12/17/2002

Sampling Result ID: 337732

Feature Id: Not reported

Hazard Release Id: 379318

Medium: 703

Substance Abbrev.: Not reported

Unit Code: Not reported

Observation: False

Owner Operator: False

Lab Data: True

Sample Depth: Not reported

Start Date: 10/16/2001

End Date: Not reported

Min Concentration: Not reported

Max Concentration: Not reported

Sample Comment: Heating Oil (bottom 60<quot>) 27,500 mg/kg

Last Update By: jmw

Update Date: 05/28/2002

Decode for MediumID: Soil

Sampling Result ID: 337733

Feature Id: Not reported

Hazard Release Id: 379318

Medium: 703

Substance Abbrev.: Not reported

Unit Code: Not reported

Observation: False

Owner Operator: False

Lab Data: True

Sample Depth: Not reported

Start Date: 10/16/2001

End Date: Not reported

Min Concentration: Not reported

Max Concentration: Not reported

Sample Comment: Heating Oil (bottom 74<quot>) 731 mg/kg

Last Update By: jmw

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EARLEY PROPERTY (Continued)**

**S107593617**

Update Date: 05/28/2002  
Decode for MediumID: Soil  
Sampling Result ID: 337734  
Feature Id: Not reported  
Hazard Release Id: 379318  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/17/2001  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: Heating Oil (bottom 84<quot>) 70 mg/kg  
Last Update By: jmw  
Update Date: 05/28/2002  
Decode for MediumID: Soil  
Sampling Result ID: 337735  
Feature Id: Not reported  
Hazard Release Id: 379318  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/17/2001  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: Heating Oil (N sidewall 26<quot>) 304 mg/kg  
Last Update By: jmw  
Update Date: 05/28/2002  
Decode for MediumID: Soil  
  
Substance ID.: 121608  
Haz Release ID: 379319  
Qty Released: Not reported  
Date Released: Not reported  
Update Date: 05/28/2002  
Update By: Not reported  
Substance Code: 71-43-2  
Substance Name: BENZENE  
Substance Abbrev.: Not reported  
Substance Category ID: 8502  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8502  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EARLEY PROPERTY (Continued)**

**S107593617**

Created Date: 12/17/2002  
Substance Alias ID: 319178  
Sub Alias Name: BENZOL  
Substance Alias ID: 319179  
Sub Alias Name: COAL NAPHTHA  
Substance Alias ID: 319180  
Sub Alias Name: CYCLOHEXATRIENE  
Substance Alias ID: 319181  
Sub Alias Name: PHENE  
Substance Alias ID: 319182  
Sub Alias Name: PYROBENZOL  
Sampling Result ID: 337736  
Feature Id: Not reported  
Hazard Release Id: 379319  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/18/2001  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: Bottom (60<quot>) 0.25 mg/kg  
Last Update By: jmw  
Update Date: 05/28/2002  
Decode for MediumID: Soil

**Narrative:**

NARR ID: 5742315  
NARR Code: Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NardID: Contamination  
NARR Comments: (5/28/02 MTP/ICP) Portland Tank Service (PTS) excavated about 10 tons of contaminated soil. Soil sampling showed residual contamination up to 27,500 mg/kg heating oil (TPH-Dx) in the bottom of the excavation, at a depth of 5 feet. On the north side of the excavation near the residence, soil contained 646 mg/kg TPH-Dx at 2 feet bgs. Subsequent sampling showed that significant contamination was limited to a depth of about 7 feet bgs (70 mg/kg). The north sidewall was found to contain 304 mg/kg at a depth of 26 inches. Because significant contamination remained in subsurface soil, the site consultant William Culloch-Dasson, on behalf of the responsible party (RP) proceeded to evaluate residual risk according to DEQ's Risk-Based Decision Making (RBDM) guidance. A sample of soil was submitted for polynuclear aromatic hydrocarbon (PAH) and benzene, toluene, ethylbenzene, and total xylene (BTEX) analyses. When compared to risk-based concentrations (RBCs), it was noted that the concentration reported for benzene was above the RBC for vapor intrusion into buildings, and also above the RBC for leaching to (and potentially contaminating) groundwater. Because these RBCs were based on a generic <quot>site<quot> that assumes certain conditions (e.g., area of impact, depth to groundwater, depth of impacted area, etc), the RP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EARLEY PROPERTY (Continued)**

**S107593617**

proceeded to conduct a site-specific risk evaluation. Using site-specific data, the RP was able to demonstrate that the detected benzene concentration in soil (0.25 m/kg) would not present a significant risk of inhalation through vapor intrusion into the residence. A site-specific groundwater leaching simulation was conducted by the responsible party to evaluate the potential impact of the release to site groundwater. Because DEQ was unable to verify the model, subsequent modeling was conducted by DEQ and is currently being evaluated.

NARR ID: 5742316  
NARR Code: Data Sources  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Data Sources  
NARR Comments: <quot>Aboveground Heating Oil Tank Release Remediation, Earley Property, 11700 SW Graven Street, Tigard, OR 97224<quot>, March 25, 2002.

NARR ID: 5742317  
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: Heating oil.

NARR ID: 5742318  
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: On October 10, 2001, an above-ground heating oil tank located outside adjacent to the south end of the house tipped over when a supporting leg collapsed. Approximately 100 gallons of heating oil were released onto the ground surface and covered an area of about 200 square feet.

NARR ID: 5742319  
NARR Code: Pathways Other Hazards  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Pathways & Other Hazards  
NARR Comments: The release area is adjacent to a residence, with some residual heating oil extending just beneath the footprint of the home. Vapor intrusion into the residence is a primary pathway of concern. Two wells are located within about 10 meters of the release. The closer well (6 meters to the northeast) is on the adjacent property. An on-site irrigation well is located about 10 meters northwest of the release area. Depth to groundwater at the site appears to be 4 feet or more below ground surface (bgs). The zone of contamination extends

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EARLEY PROPERTY (Continued)**

**S107593617**

to about 8 feet bgs.

NARR ID: 5742320  
NARR Code: Remedial Action  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: GWISTAR  
Updated Date: 09/01/2006  
Decode for NarcdID: Remedial Action  
NARR Comments: (4/11/02 JMW/SAS) Site signed an Intent to Participate (ITP) for the Independent Cleanup Pathway (ICP) Program. (5/28/02 MTP/ICP) William Culloch-Dasson, on behalf of Ms. Nancy Earley, entered the ICP within DEQ's Voluntary Cleanup Program on March 18, 2002, and submitted an Above-Ground Heating Oil Tank Release Remediation report. This report is currently under DEQ review. (8/19/02 MTP) DEQ conducted additional modeling and has determined that the contamination is localized and unlikely to migrate to groundwater or pose a threat to indoor air. A no further action (NFA) determination has been issued.

**Administrative Action:**

Action ID: 9424  
Region: Northwestern Region  
Complete Date: 04/11/2002  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9435  
Region: Northwestern Region  
Complete Date: 08/19/2002  
Rank Value: 0  
Cleanup Flag: True  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Independent Cleanup Program  
Further Action: 0  
Comments: Not reported

Action ID: 9443  
Region: Northwestern Region  
Complete Date: 08/19/2002  
Rank Value: Not reported  
Cleanup Flag: True  
Created Date: 08/31/2006  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EARLEY PROPERTY (Continued)**

**S107593617**

Action: NO FURTHER STATE ACTION REQUIRED  
Further Action: 0  
Comments: Not reported

**Operations:**

Operation Id: 134464  
Operation Status: Inactive  
Common Name: Early Property  
Yrs of Operation: Residential property  
Comments: Residential property with a home.  
Updated Date: 06/20/2002  
Updated By: jmw  
Decode for OpstatID: Inactive

**VCS:**

Name: EARLEY PROPERTY  
Address: 11700 SW GRAVEN ST.  
City,State,Zip: TIGARD, OR 97224  
ECS Site ID: 3318  
Facility Size: 0.19 acre  
Action: NO FURTHER STATE ACTION REQUIRED  
Start Date: 08/19/2002  
End Date: 08/19/2002  
Program: ICP  
Latitude: 45.3972  
Longitude: -122.7974

Name: EARLEY PROPERTY  
Address: 11700 SW GRAVEN ST.  
City,State,Zip: TIGARD, OR 97224  
ECS Site ID: 3318  
Facility Size: 0.19 acre  
Action: Independent Cleanup Program  
Start Date: 03/18/2002  
End Date: 08/19/2002  
Program: ICP  
Latitude: 45.3972  
Longitude: -122.7974

**OR SPILLS:**

Name: Not reported  
Address: 11700 SW GRAVEN ST  
City,State,Zip: TIGARD, OR 97224-3437  
Facility ID: 2001-2539  
Incident Status: Archive  
Material: Industrial or home heating fuel oil  
Quantity: 125  
Unit of Measure: Gallons  
Release Date: 10/11/2001  
Description: AST fell over ( 275 gallons - GW is at 18' feet below grade  
Lat/Long: 45.3972 / -122.7974  
Source: Heating Oil AST  
Media: Non-saturated soil, rock, etc.  
Responsible Company: Not reported  
Responsible Address: 11680 SW Graven St  
Responsible City,St,Zip: Tigard, OR 97224-3435

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A4**  
**NNE**  
**1/8-1/4**  
**0.153 mi.**  
**807 ft.**  
**SPACE AGE FUEL**  
**16875 SW PACIFIC HWY**  
**PORTLAND, OR 97224**  
**Site 1 of 2 in cluster A**

**UST** **U003916953**  
**N/A**

**Relative:** **Higher**  
**Actual:** **162 ft.**  
UST:  
Name: SPACE AGE FUEL  
Address: 16875 SW PACIFIC HWY  
City: PORTLAND  
Facility ID: 12177  
Facility Telephone: (503) 212-3900  
Permittee Name: Chris Huiard  
Number of Permitted Tanks: 3  
Active Tanks: 3  
Decommissioned Tanks: Not reported  
Number of Tanks: 3

**A5**  
**North**  
**1/8-1/4**  
**0.195 mi.**  
**1028 ft.**  
**CEDAR PARK MANOR**  
**16735 SW PACIFIC HWY**  
**TIGARD, OR 97224**  
**Site 2 of 2 in cluster A**

**UST** **U000433334**  
**N/A**

**Relative:** **Higher**  
**Actual:** **161 ft.**  
UST:  
Name: CEDAR PARK MANOR  
Address: 16735 SW PACIFIC HWY  
City: TIGARD  
Facility ID: 10913  
Facility Telephone: (503)639-1651  
Permittee Name: T.C. WASSON, OWNER  
Number of Permitted Tanks: Not reported  
Active Tanks: Not reported  
Decommissioned Tanks: 2  
Number of Tanks: 2

**6**  
**North**  
**1/8-1/4**  
**0.240 mi.**  
**1267 ft.**  
**HEATING OIL TANK**  
**16705 SW PACIFIC HWY**  
**TIGARD, OR 97224**

**LUST** **S109578148**  
**N/A**

**Relative:** **Higher**  
**Actual:** **153 ft.**  
LUST:  
Name: HEATING OIL TANK  
Address: 16705 SW PACIFIC HWY  
City,State,Zip: TIGARD, OR 97224  
Region: North Western Region  
Facility ID: 34-09-0203  
Cleanup Received Date: 03/16/2009  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: 04/02/2009**  
**Decode for Region: North West Region**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7  
NW  
1/8-1/4  
0.243 mi.  
1284 ft.

**HEATING OIL TANK**  
**12345 SW KING RICHARD**  
**TIGARD, OR 97224**

**LUST** **S105076175**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**159 ft.**

Name: HEATING OIL TANK  
Address: 12345 SW KING RICHARD  
City,State,Zip: TIGARD, OR 97224  
Region: North Western Region  
Facility ID: 34-01-6132  
Cleanup Received Date: 06/06/2001  
Cleanup Start Date: 06/05/2001  
**Cleanup Complete Date: 09/18/2001**  
**Decode for Region: North West Region**

B8  
NNW  
1/4-1/2  
0.332 mi.  
1755 ft.

**HEATING OIL TANK**  
**16605 SW QUEEN MARY AVE**  
**KING CITY, OR 97224**

**LUST** **S111429903**  
**N/A**

**Site 1 of 2 in cluster B**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**169 ft.**

Name: HEATING OIL TANK  
Address: 16605 SW QUEEN MARY AVE  
City,State,Zip: KING CITY, OR 97224  
Region: North Western Region  
Facility ID: 34-11-1120  
Cleanup Received Date: 10/25/2011  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: Not reported**  
**Decode for Region: North West Region**

B9  
NNW  
1/4-1/2  
0.343 mi.  
1810 ft.

**HEATING OIL TANK**  
**16565 SW QUEEN MARY**  
**KING CITY, OR 97224**

**LUST** **S101746035**  
**N/A**

**Site 2 of 2 in cluster B**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**170 ft.**

Name: HEATING OIL TANK  
Address: 16565 SW QUEEN MARY  
City,State,Zip: KING CITY, OR 97224  
Region: North Western Region  
Facility ID: 34-96-0025  
Cleanup Received Date: 01/22/1996  
Cleanup Start Date: 01/22/1996  
**Cleanup Complete Date: Not reported**  
**Decode for Region: North West Region**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C10**  
**ENE**  
**1/4-1/2**  
**0.386 mi.**  
**2037 ft.**  
**HEATING OIL TANK**  
**16770 SW 113TH AVE**  
**TIGARD, OR 97224**  
**Site 1 of 2 in cluster C**

**LUST** **S106777742**  
**N/A**

**Relative:** **LUST:**  
**Higher** Name: HEATING OIL TANK  
Address: 16770 SW 113TH AVE  
**Actual:** City,State,Zip: TIGARD, OR 97224  
**165 ft.** Region: North Western Region  
Facility ID: 34-04-2060  
Cleanup Received Date: 10/08/2004  
Cleanup Start Date: 10/12/2004  
**Cleanup Complete Date: 02/23/2005**  
**Decode for Region: North West Region**

**11**  
**SSW**  
**1/4-1/2**  
**0.392 mi.**  
**2070 ft.**  
**HEATING OIL TANK**  
**17905 SW PACIFIC HWY**  
**TUALATIN, OR 97062**

**LUST** **S123666634**  
**N/A**

**Relative:** **LUST:**  
**Higher** Name: HEATING OIL TANK  
Address: 17905 SW PACIFIC HWY  
**Actual:** City,State,Zip: TUALATIN, OR 97062  
**187 ft.** Region: North Western Region  
Facility ID: 34-19-0270  
Cleanup Received Date: 03/22/2019  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: 06/26/2019**  
**Decode for Region: North West Region**

**C12**  
**ENE**  
**1/4-1/2**  
**0.403 mi.**  
**2126 ft.**  
**HEATING OIL TANK**  
**16780 SW 113TH AVE**  
**TIGARD, OR 97224**  
**Site 2 of 2 in cluster C**

**LUST** **S111834854**  
**N/A**

**Relative:** **LUST:**  
**Higher** Name: HEATING OIL TANK  
Address: 16780 SW 113TH AVE  
**Actual:** City,State,Zip: TIGARD, OR 97224  
**164 ft.** Region: North Western Region  
Facility ID: 34-12-0123  
Cleanup Received Date: 02/09/2012  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: 12/13/2019**  
**Decode for Region: North West Region**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

13  
NE  
1/4-1/2  
0.415 mi.  
2192 ft.

**HEATING OIL TANK**  
**16550 SW 113TH AVE**  
**TIGARD, OR 97224**

**LUST** **S113231048**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**158 ft.**

Name: HEATING OIL TANK  
Address: 16550 SW 113TH AVE  
City,State,Zip: TIGARD, OR 97224  
Region: North Western Region  
Facility ID: 34-12-1307  
Cleanup Received Date: 10/22/2012  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: 11/19/2013**  
**Decode for Region: North West Region**

14  
ENE  
1/4-1/2  
0.429 mi.  
2263 ft.

**HEATING OIL TANK**  
**16800 SW 113TH AVE**  
**TIGARD, OR 97224**

**LUST** **S120851484**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**155 ft.**

Name: HEATING OIL TANK  
Address: 16800 SW 113TH AVE  
City,State,Zip: TIGARD, OR 97224  
Region: North Western Region  
Facility ID: 34-17-0434  
Cleanup Received Date: 04/24/2017  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: Not reported**  
**Decode for Region: North West Region**

15  
NNE  
1/4-1/2  
0.451 mi.  
2383 ft.

**ESTBY GAS STATION AT TIGARD TOWNE SQUARE**  
**16200 SW PACIFIC HWY SUITE R**  
**TIGARD, OR 97224**

**LUST** **U000433348**  
**UST** **N/A**  
**OR HAZMAT**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**177 ft.**

Name: ESTBY GAS STATION AT TIGARD TOWNE SQUARE  
Address: 16200 SW PACIFIC HWY  
City,State,Zip: TIGARD, OR 97224  
Region: North Western Region  
Facility ID: 34-05-2428  
Cleanup Received Date: 11/17/2005  
Cleanup Start Date: 11/17/2005  
**Cleanup Complete Date: 04/12/2006**  
**Decode for Region: North West Region**

**UST:**

Name: ESTBY GAS STATION AT TIGARD TOWNE SQUARE  
Address: 16200 SW PACIFIC HWY SUITE R  
City: TIGARD  
Facility ID: 9227  
Facility Telephone: (503) 286-9621  
Permittee Name: DWIGHT ESTBY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTBY GAS STATION AT TIGARD TOWNE SQUARE (Continued)**

**U000433348**

Number of Permitted Tanks: Not reported  
Active Tanks: Not reported  
Decommissioned Tanks: 3  
Number of Tanks: 3

**HAZMAT:**

Name: Not reported  
Address: 16200 SW PACIFIC HWY  
City,State,Zip: TIGARD, OR 97224  
Responsible Party: JOHN CHRISTNER  
RP Company: JOHN CHRISTNER TRUCKING INC  
RP Address: 19007 W HWY 33  
RP City,St,Zip: SAPULPA, OK 74066  
Facility ID: 080035  
OERS Number: 20082067  
Dept Rsp: TUALATIN VALLEY F&R  
Narrative: Not reported  
Property Loss: Not reported  
Amount Released: Not reported  
Service County: Not reported  
Service Name: Not reported  
Incident Type: Not reported  
Civilian Casualty Activity: Not reported  
Chemical Name: Not reported  
Hazmat Area Affected: Not reported  
Hazmat Area Evacuated: Not reported  
Hazmat Container Type: Not reported  
Hazmat Physical State Released: Not reported  
Hazmat Released Into: Not reported  
Hazmat Released Volume Units: Not reported  
Hazmat Released Weight Units: Not reported  
Hazmat Released From: Not reported  
Hazmat Area Affected Measurement: Not reported  
Hazmat No. of People Evacuated: Not reported  
Hazmat No of Buildings Evacuated: Not reported  
Incident Content Loss: Not reported  
Civilian Casualty Patient Disposition: Not reported  
Incident Mixed Use Property: Not reported  
Location Type: Not reported  
Incident Aid Given Or Received: Not reported  
Incident AID Received from FDID: Not reported  
Incident Aided Department FDID: Not reported  
Person Involved Business Name: Not reported  
Person Involved First Name: Not reported  
Person Involved Last Name: Not reported  
Person Involved Type: Not reported  
Person Involved Phone Number: Not reported  
Person Involved Primary Language: Not reported  
Hazmat Evacuated Measurement: Not reported  
Hazmat Story of Release: Not reported  
Remark: Not reported  
Incident District: TUALATIN VALLEY F&R  
Date Added: 02/04/2008  
Unit: Not reported  
Agency Phone: 5036498577  
Osfm Incident Report Number: 080035  
Dept. Responding: TUALATIN VALLEY F&R

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTBY GAS STATION AT TIGARD TOWNE SQUARE (Continued)**

**U000433348**

Person Making Report:	DAN O'GRADY
Title:	LIEUTENANT
Agency:	TUALATIN VALLEY F&R
Phone:	5036498577
Date Of Incident:	08/20/2008
Call Time:	11:59:00 AM
In Route:	11:54:00 AM
Arrival:	12:06:00 PM
Depart Scene:	4:00:00 PM
Back In Quarters:	4:00:00 PM
In Service:	4:00:00 PM
Dist Of Incident:	TUALATIN VALLEY F&R
Were State Resources Used?:	True
Was Oers Notified?:	True
Oers Number:	20082067
Team Number:	HM09
Agency Report Number:	2008-32815
Unit:	Not reported
Highway:	Not reported
Mile Post:	Not reported
Scene Type:	Private Land
Area Type:	Commercial
Responsible Party(ies):	JOHN CHRISTNER
Company:	JOHN CHRISTNER TRUCKING INC
Respcontact:	Not reported
Address:	19007 W HWY 33
Resp City:	SAPULPA
Resp State:	OK
Resp ZipCode:	74066
Phone:	8003241800
Resp Phone2:	Not reported
Weather:	3
Temperature:	5
Wind Speed:	1
Wind Direction:	SW
Were Haz Materials Released?:	True
Operation Performed:	During Delivery/Shipment
Cause:	Motor Vehicle Accident
Vehicle And Cargo:	1000
Fixed Property:	0
Total Loss:	\$1,000.00
Hazmat Population Density:	Not reported
HazMat Actions Taken - Description:	Not reported
Hazmat Factors Contributing To Release:	Not reported
Hazmat DOT Hazard Classification:	Not reported
Hazmat CAS Number:	Not reported
Hazardous Materials Release:	Not reported
Fire Incident Type:	Not reported
Property Use:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Hazmat Disposition:	Not reported
Chemical:	
Chemical Info:	9081
Chemical Id:	9321
Incident Id:	080035
Chemical Name:	DIESEL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTBY GAS STATION AT TIGARD TOWNE SQUARE (Continued)**

**U000433348**

UNNA: Not reported  
Amount At Risk: 50  
Amount Released: 0  
Amount Measured: 2  
Biological: False  
Radiological: False

Chemical Id: 9321  
Chemical Name: DIESEL  
Hazardous Ingredient: PETROLEUM DISTILLATES  
Hazardous Class 1: 3.3  
Hazardous Class 2: 6.3  
Hazardous Rank: 2  
Case Number: 68476346  
UNNA Number: 1202  
EPA Pest Reg: Not reported  
EHA Chem: N  
PSM Chem: N  
CAA 112R Chem: N

Released:  
Release Behavior Id: 9116  
Incident Id: 080035  
Behavior: 10

Release Behavior Id: 9117  
Incident Id: 080035  
Behavior: 4

**Narrative:**

Narrative Id: 7917  
Incident Id: 080035

Incident Narrative: TVFR E35 responded to a tractor trailer that had torn a hole on the bottom of the refrigerator fuel tank on the trailer of a delivery truck while maneuvering the truck in the loading dock area of a shopping center. Leak was approximately 1/5 gal per minute. E35 crew placed buckets and absorbent. Lt Mason contacted HM 24 as they had exhausted their resources.  
HM 34 responded, sized up situation, placed a kiddie pool for second ary containment and then began dumping 5 gallon buckets as they filled into a 32 gallon trash can. HM personnel also placed absorbent pads, placed absorbent booms around two storm drains, made contact with OERS and Clean Water Services. Lt O'Grady contact property management so they were aware of the situation. Property management came out to the scene approximately 45 minutes later. HM personnel stayed on scene until clean up company arrived.

Incident Date: 8/20/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

16  
NE  
1/4-1/2  
0.489 mi.  
2583 ft.

**HEATING OIL TANK**  
**16410 SW 113TH AVE**  
**TIGARD, OR 97224**

**LUST** **S110639138**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**157 ft.**

Name: HEATING OIL TANK  
Address: 16410 SW 113TH AVE  
City,State,Zip: TIGARD, OR 97224  
Region: North Western Region  
Facility ID: 34-10-0829  
Cleanup Received Date: 08/17/2010  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: Not reported**  
**Decode for Region: North West Region**

17  
SSW  
1/2-1  
0.647 mi.  
3415 ft.

**VALLEY YARD SUPPLY**  
**18230 SW PACIFIC HWY.**  
**TUALATIN, OR 97062**

**ECSI** **S111257233**  
**AST** **N/A**  
**VCP**  
**HSIS**

**Relative:**  
**Higher**

**ECSI:**

**Actual:**  
**193 ft.**

Name: VALLEY YARD SUPPLY  
Address: 18230 SW PACIFIC HWY.  
City,State,Zip: TUALATIN, OR 97062  
State ID Number: 801  
Brown ID: 0  
Study Area: False  
Region ID: 2  
Legislative ID: 831  
Investigation: No Further Action  
FACA ID: 8807  
Further Action: 0  
Lat/Long (dms): 45 23 15.60 / -122 48 25.40  
County Code: 34.00  
Score Value: Not reported  
Cercles ID: Not reported  
Township Coord.: 2.00  
Township Zone: S  
Range Coord: 1.00  
Range Zone: W  
Section Coord: 21  
Qtr Section: AADB  
Tax Lots: 2S1-21A - 02300  
Size: 3.47 acres  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 07/20/2007  
Created Date: 05/11/1988  
Decode For RegionID: Northwest Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: No Further Action  
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420  
  
Alias Name: H&S Trucking  
Alias Name: Wild Hair Custom-Built Aluminum Boats



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Hazardous Release:

Substance ID.: 121639  
Haz Release ID: 380296  
Qty Released: Unknown  
Date Released: 1987  
Update Date: 01/18/1996  
Update By: Not reported  
Substance Code: 7439-92-1  
Substance Name: LEAD  
Substance Abbrev.: Not reported  
Substance Category ID: 8466  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8466  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 319256  
Sub Alias Name: PB  
Comment ID: 304533  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.  
Decode for Relcomcd: Data Sources  
Comment ID: 304534  
Release Code: General Comments  
Release Comments: Has not been adequately determined if contaminant is leachable.  
Decode for Relcomcd: General Comments  
Comment ID: 304535  
Release Code: Media Contamination Footnote  
Release Comments: Industrial wastes used as borrow pit backfill.  
Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 304536  
Release Code: Release Containment  
Release Comments: Local groundwater is very shallow (1 to 5 feet bgs at the borrow pit),  
and soi ls are very porous (sands). Also, one local nearby Pollution  
Complaint regarding surface runoff.  
Decode for Relcomcd: Release Containment

Substance ID.: 121671  
Haz Release ID: 380297  
Qty Released: Unknown  
Date Released: 1987  
Update Date: 01/18/1996  
Update By: Not reported  
Substance Code: 7440-47-3  
Substance Name: CHROMIUM  
Substance Abbrev.: Not reported  
Substance Category ID: 8462  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8462  
Substance Category: Inorganics

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 318145  
Sub Alias Name: CHROMIUM, INORGANIC  
Substance Alias ID: 319294  
Sub Alias Name: CHROMIUM, TOTAL  
Comment ID: 304545  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.  
Decode for Relcomcd: Data Sources  
Comment ID: 304546  
Release Code: General Comments  
Release Comments: Industrial wastes used as sand pit backfill.  
Decode for Relcomcd: General Comments  
Comment ID: 304547  
Release Code: Media Contamination Footnote  
Release Comments: Groundwater at former borrow pit is quite shallow (1 to 5 feet bgs) and local soils are sands. Also local Pollution Complaint about contaminated runoff from a nearby site.  
Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 304548  
Release Code: Release Containment  
Release Comments: Local soils are sands and groundwater is very shallow. Surface runoff is also a concern.  
Decode for Relcomcd: Release Containment  
  
Substance ID.: 121664  
Haz Release ID: 380298  
Qty Released: Unknown  
Date Released: 1987  
Update Date: 01/18/1996  
Update By: Not reported  
Substance Code: 7440-38-2  
Substance Name: ARSENIC  
Substance Abbrev.: Not reported  
Substance Category ID: 8439  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8439  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 319286  
Sub Alias Name: AS  
Comment ID: 304537  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.  
Decode for Relcomcd: Data Sources  
Comment ID: 304538  
Release Code: General Comments  
Release Comments: Western Foundry wastes were, at one point, found to contain arsenic, although distribution of this contaminant throughout the company's wastes is unclear.

Map ID  
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Distance  
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MAP FINDINGS

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EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Decode for Relcomcd: General Comments  
Comment ID: 304539  
Release Code: Media Contamination Footnote  
Release Comments: Industrial wastes were used in place of clean soils at this site for borrow pit backfill.

Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 304540  
Release Code: Release Containment  
Release Comments: Local soils are sands, and groundwater at the former borrow pit is quite shallow (1 to 5 feet bgs). There has been one Pollution Complaint alleging contaminated runoff at a nearby site.

Decode for Relcomcd: Release Containment

Substance ID.: 121668  
Haz Release ID: 380303  
Qty Released: Unknown  
Date Released: 1985  
Update Date: 01/19/1996  
Update By: Not reported

Substance Code: 7440-43-9  
Substance Name: CADMIUM  
Substance Abbrev.: Not reported  
Substance Category ID: 8460  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002

Substance Category ID: 8460  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002

Substance Alias ID: 319291  
Sub Alias Name: CD

Comment ID: 304541  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.

Decode for Relcomcd: Data Sources  
Comment ID: 304542  
Release Code: General Comments  
Release Comments: Industrial waste used as sand pit backfill.

Decode for Relcomcd: General Comments  
Comment ID: 304543  
Release Code: Media Contamination Footnote  
Release Comments: Concern for potential groundwater and/or surface water contamination.

Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 304544  
Release Code: Release Containment  
Release Comments: Local soils are sands. Groundwater is very shallow. Indication of significant potential for runoff to nearby streams.

Decode for Relcomcd: Release Containment

Narrative:  
NARR ID: 5727835  
NARR Code: Site Contacts  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: SFORTUN

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EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Updated Date: 07/16/2003  
Decode for NarcdID: Site Contacts  
NARR Comments: Larry and Margaret Speight (owners) Valley Yard Supply, Home: 17370 SW Edy Rd., Sherwood, OR 97140, (503) 625-7408. Mike Osborn, A.C.E. Services, 7810 SE 267th, Gresham, OR 97080, (503) 663-1772, (503) 781-2244, (503) 225-7358.

NARR ID: 5727836  
NARR Code: Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: GWISTAR  
Updated Date: 02/21/2003  
Decode for NarcdID: Contamination

NARR Comments: Analyses indicated that wastes disposed of at this site contained total metals, but leachable metals content is unclear. There is also alleged to be a company in Newberg that also disposed of waste at this site. Mr. Speight, the owner of Valley Yard Supply, has been informed by DEQ that he must no longer accept industrial waste for disposal. Fill was also accepted from Fought & Company, a Tigard steel fabricator, but that material appears to have been limited to clean soil.

NARR ID: 5727837  
NARR Code: Data Sources  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Data Sources

NARR Comments: DEQ NWR ECSI file for Western Foundry (ECSI #185). DEQ NWR Solid Waste File for Barstad Sand Pit (Permit #1119). DEQ Water Quality Permit file for Western Foundry. DEQ NWR Complaint Files: Valley Yard Supply, August 11, 1987. DEQ NWR Hazardous Waste File for Western Foundry.

NARR ID: 5743002  
NARR Code: General Site Description  
Created By: GWISTAR  
Created Date: 02/21/2003  
Updated By: GWISTAR  
Updated Date: 02/21/2003  
Decode for NarcdID: General Site Description

NARR Comments: A portion of the property at this site has apparently been used for the disposal of wastes from local industries. These wastes include casting type sands that contain zirconium and emit low levels of radiation above background; baghouse dust; and water scrubber sludge (from Western Foundry), which contains low levels of heavy metals such as chrome and lead, and possibly arsenic and cadmium. See also related, nearby ECSI #1815 (Barstad Sand Pit).

NARR ID: 5727838  
NARR Code: Hazardous Substance/Waste Types  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002

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**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Decode for NarcdID: Hazardous Substance/Waste Types  
NARR Comments: Zirconium wastes, heavy metals such as chrome and lead, and possibly arsenic and cadmium. Field analyses suggest that radiation levels from the zirconium sands are probably not significantly above background levels. It is not clear at this time if the chromium and lead, and possibly arsenic and cadmium, are leachable.

NARR ID: 5727840  
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: Sand pits located off Hwy 99W in Tualatin. Pits are located at the western edge of the City of Tualatin, approximately 1 mile south of King City, along the eastern side of Highway 99W.

NARR ID: 5727841  
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: Industrial wastes were used in place of clean inert fill for backfill at a Mined Land Reclamation site. The site is a former sand borrow pit: native soils are very porous, and groundwater in the area is quite shallow. The Tualatin River is also quite near the site (north of Hwy 99W), although surface runoff is probably in the opposite direction - to an unnamed stream that discharges to Rock Creek, a Tualatin River tributary. A pollution complaint regarding surface runoff has been filed against a neighboring site.

NARR ID: 5729200  
NARR Code: Site Ownership  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Site Ownership  
NARR Comments: Owner - Larry and Margaret Speight, Valley Yard Supply

NARR ID: 5729201  
NARR Code: Pathways Other Hazards  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: KROBERT  
Updated Date: 10/03/2003  
Decode for NarcdID: Pathways & Other Hazards  
NARR Comments: There is potential for the contamination of soil, groundwater, surface water with low levels of radioactive and heavy metal wastes. Groundwater is very shallow in the pit area (1 to 5 feet bgs), and pollution complaints about surface runoff have also been received in the area. Nearest stream is the Tualatin River (to the north), although surface runoff would probably be to the south to an unnamed tributary to Rock Creek, which feeds the Tualatin River. (10/2/03

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MAP FINDINGS

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EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

KJR/VCP) Groundwater Pathway: Groundwater was encountered at a depth of approximately 50 to 54 feet below road surface beneath the original base of the pit. The waste material is located at least approximately 35 feet above groundwater. The waste material has also been tested and shown to have low leachable potential. Surface Water Runoff, Direct Contact, and Air Pathways: The waste material is capped with a minimum of four feet of cover preventing contact with surface water runoff and direct contact. The cap also prevents the waste material from becoming wind borne.

NARR ID: 5744219  
NARR Code: Remedial Action  
Created By: JWAGGY  
Created Date: 09/22/2003  
Updated By: GWISTAR  
Updated Date: 04/05/2004  
Decode for NarcdID: Remedial Action  
NARR Comments: (10/2/03 KJR/VCP) Site entered into the Voluntary Cleanup Program on September 29, 2003. The site is a former borrow pit located at 18230 SW Pacific Highway in Tualatin. As part of a mine land reclamation permit, the property owner accepted small volumes of industrial waste. In a letter dated August 21, 1987, DEQ indicates the industrial waste was considered to be solid waste by Oregon Administrative Rules. The industrial waste consisted of casting sands, baghouse dust and scrubber water sludge from Western Foundry (ECSI #185). Casting sands are zirconium type, which emit low levels of radiation. The letter also indicated the baghouse dust and water scrubber sludge contained low levels of heavy metals such as chromium and lead. The letter indicated that the property owner ceased accepting this material at DEQ's request, since the borrow pit was not authorized to accept solid waste. Prior to disposing of foundry waste on the Valley Yard Supply site, Western Foundry disposed of its waste in the nearby Brinegar Pit (ECSI #1815). In July 1985, DEQ staff collected a sample of Western Foundry waste from the Brinegar Pit. The sample was analyzed for total and TCLP metals cadmium, chromium, lead and total copper, nickel, and zinc. Total chromium, total copper, and total zinc were detected at 100 mg/kg, 36 mg/kg, and 16 mg/kg, respectively. All detected concentrations are less than EPA Region 9 residential PRGs dated October 1, 2002 (PRGs). Total cadmium, TCLP cadmium, total lead, TCLP lead, TCLP chromium, and total nickel were not detected. A Preliminary Assessment (PA) prepared for the Western Foundry property (source of industrial waste) was prepared by a DEQ contractor in January 1991. The PA stated that industrial waste (sodium silicate sand, baghouse dust, cupola scrubber sludge, and zirconium sand) from Western Foundry were disposed of at Valley Yard Supply from January to August 1987. Western Foundry also generated arc furnace slag waste but this waste was not identified as being disposed of at Valley Yard Supply. The property owner of Valley Yard Supply indicates 30 to 60 cubic yards of waste were disposed of at the site. The PA detailed characterization of waste streams at the Western Foundry site. Burnt no-bake sand waste, steel shop sand and baghouse dust were sampled in 1985 and determined to be non-hazardous. Sampling of the zirconium sand indicated no significant radioactivity. In April 1987, the scrubber effluent and cupola sludge were analyzed for total metals and detected low levels of lead and iron and manganese. Samples from the cupola sludge, baghouse dust, sodium silicate sand, and arc

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EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

furnace slag were collected in July 1990 for TCLP metals. The baghouse dust, sodium silicate sand, and arc furnace slag were not hazardous waste based on this analysis. The cupola sludge was tested twice. The initial test indicated TCLP lead was not detected, but the second test indicated a TCLP lead concentration of 22 ppm, which exceeds the hazardous waste limit of 5 ppm. Based on these waste stream tests, it is inconclusive whether sludge disposed of at the Valley Yard Supply site was hazardous waste. In March 1997, a trench was excavated through the Valley Yard Supply site until the foundry waste was encountered, at depths greater than four feet below grade. The previously 50-foot-deep sand and gravel pit has been filled to grade. A sample of the waste was collected and analyzed for total lead and TCLP arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Neither lead nor TCLP metals were detected in the foundry waste sample, confirming that the material is not hazardous waste. (10/13/03 KJR/VCP) No Further Action letter issued 10/13/03.

**Administrative Action:**

Action ID: 9442  
Region: Northwestern Region  
Complete Date: 09/29/2003  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 09/22/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: NEGOTIATIONS  
Further Action: 0  
Comments: Not reported

Action ID: 9440  
Region: Northwestern Region  
Complete Date: 09/29/2003  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 10/03/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Letter Agreement  
Further Action: 0  
Comments: Not reported

Action ID: 9443  
Region: Northwestern Region  
Complete Date: 10/13/2003  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 10/13/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: NO FURTHER STATE ACTION REQUIRED  
Further Action: 0



Map ID  
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Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Comments: Not reported

Action ID: 9425  
Region: Northwestern Region  
Complete Date: 01/11/1996  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: SITE EVALUATION  
Further Action: Not reported  
Comments: Not reported

Action ID: 9508  
Region: Headquarters  
Complete Date: 05/10/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Headquarters  
Category: Remedial Action  
Action Code Flag: False  
Action: Site Screening recommended (EV)  
Further Action: Not reported  
Comments: Not reported

Action ID: 9424  
Region: Headquarters  
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: Headquarters  
Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9480  
Region: Northwestern Region  
Complete Date: 06/18/1996  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Federal Preliminary Assessment recommended  
Further Action: Low  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Operations:

Operation Id: 132102  
Operation Status: Active  
Common Name: Valley Yard Supply  
Yrs of Operation: unknown  
Comments: Clean fill accepted under Mined Land Reclamation Permit from DOGAMI.  
Industrial wastes accepted during 1987.  
Updated Date: 01/17/1996  
Updated By: sxf  
Decode for OpstatID: Active  
Operations SIC Id: 196126  
SIC Code: 5261  
Created By: Not reported  
Created Date: 12/17/2002  
Operations SIC Id: 196131  
SIC Code: 5032  
Created By: Not reported  
Created Date: 12/17/2002

AST:

Name: VOSS MATERIALS INC  
Address: 18230 SW PACIFIC HWY  
City,State,Zip: TUALATIN, OR 97062  
Facility Id: 81108  
Hazardous Substance: BIODIESEL BLEND  
Reporting Quantities: Not reported  
Quantity Units: Not reported  
Physical State: Not reported  
Storage 1: Above ground tank  
County: WASHINGTON  
Owner-Operator Name: ANDREW  
Direct Site Phone: 5036920606  
Report Class: Annual  
Report Year: 2020  
Is Poisonous Gas: No  
Is Poisonous Material: No  
Is Biological Hazard: No  
Is Radioactive Material: No  
Is Explosive: No  
Status: Not reported  
Nature of Business: RETAIL SALES OF LANDSCAPE MATERIALS  
NAICS: 444220  
Maximum Daily Amount Code: 11  
Maximum Daily Amount Code Range: 500-999  
Maximum Daily Amount Unit: gal  
Is Solid State: No  
Is Liquid State: Yes  
Is Gas State: No  
Is Combustible Dust: No  
Is Fire Hazard: No  
Is Sudden Release of Pressure Hazard: No  
Is Reactive Hazard: No  
Is Immediate Hazard: No  
Is Delayed Hazard: No  
Is Corrosive to Metal: No  
Is Flammable: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Is Gas under Pressure:	No
Is Physical HNOC:	No
Is Emission of Gas With Water:	No
Is Organic peroxide:	No
Is Oxidizer:	No
Is Pyrophoric liquid or solid:	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity:	Yes
Is Aspiration hazard:	Yes
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health HNOC:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	Yes
Is Simple asphyxiant:	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	No

**VCS:**

Name:	VALLEY YARD SUPPLY
Address:	18230 SW PACIFIC HWY.
City,State,Zip:	TUALATIN, OR 97062
ECS Site ID:	801
Facility Size:	3.47 acres
Action:	NO FURTHER STATE ACTION REQUIRED
Start Date:	10/13/2003
End Date:	10/13/2003
Program:	VCS
Latitude:	45.3876
Longitude:	-122.807

Name:	VALLEY YARD SUPPLY
Address:	18230 SW PACIFIC HWY.
City,State,Zip:	TUALATIN, OR 97062
ECS Site ID:	801
Facility Size:	3.47 acres
Action:	NEGOTIATIONS
Start Date:	09/19/2003
End Date:	09/29/2003
Program:	VCS
Latitude:	45.3876
Longitude:	-122.807

Name:	VALLEY YARD SUPPLY
Address:	18230 SW PACIFIC HWY.
City,State,Zip:	TUALATIN, OR 97062
ECS Site ID:	801
Facility Size:	3.47 acres
Action:	Letter Agreement
Start Date:	09/29/2003
End Date:	09/29/2003
Program:	VCS
Latitude:	45.3876
Longitude:	-122.807

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

HSIS:

Name:	VOSS MATERIALS INC
Address:	18230 SW PACIFIC HWY
City,State,Zip:	TUALATIN, OR 97062
Facility ID:	081108
Department Or Division Of Company:	Not reported
Chemical Is Extremely Hazardous Substance (EHS:	N
Contains 112R:	N
Facility Has Written Emergency Plan:	N
NAICS Code 1:	444220
NAICS Desc 1:	NURSERY, GARDEN CENTER, & FARM SUPPLY STO
NAICS Code 2:	000000
NAICS Desc 2:	Not reported
Manager Name:	ANDREW VOSS
Business Phone:	5036920606
Mailing Address:	18230 SW PACIFIC HWY
Mailing City:	TUALATIN
Mailing State:	OR
Mailing Zip:	97062
No. of Employees:	6
Day Phone:	5036920606
Placard:	N
Fire Dept Code:	0485
FD:	TUALATIN VALLEY F&R
Sprinkler System:	N
Emergency Contact:	ANDREW VOSS
Emergency Procedure:	Not reported
Business Type:	RETAIL SALES OF LANDSCAPE MATERIALS
Facility Type:	Not reported
Department:	Not reported
Status:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Status TRI:	Not reported
Status RMP:	Not reported
Status PSM:	Not reported
Status CR2K:	Not reported
Status 302:	Not reported
Owner Name:	Not reported
Last Reported ID:	Not reported
Case Number:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is Pure:	Not reported
Is Mix:	Not reported
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum Daily Amount Code:	Not reported
Maximum Daily Amount Unit:	Not reported
Chemical Added Date:	Not reported
Is Chem PSM:	Not reported
Is Chem 112R:	Not reported
Is Chem 302:	Not reported
Is Pesticide:	Not reported
Is Fertilizer:	Not reported
Physical State:	Not reported
UNNA Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

NFPA Health:	Not reported
NFPA Flammability:	Not reported
NFPA Reactivity:	Not reported
NFPA Special Notice:	Not reported
Hazards:	Not reported
Number of Days Onsite:	Not reported
Year:	Not reported
Case Number:	68476346
Chemical Name:	BIODIESEL BLEND
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum Daily Amount Code:	11
Maximum Daily Amount Unit:	gal
Chemical Added Date:	08/10/2017
Is Chem PSM:	No
Is Chem 112R:	No
Is Chem 302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1202
NFPA Health:	1
NFPA Flammability:	2
NFPA Reactivity:	0
NFPA Special Notice:	N/A
Hazards:	Health Acute, Health Aspiration, Health Carcinogenicity, Health SeriousEye, Health SkinCorrosion, Physical Combustive
Number of Days Onsite:	365
Year:	2019
Case Number:	68476346
Chemical Name:	BIODIESEL BLEND
EHS Name:	Not reported
Is Pure:	No
Is Mix:	Yes
Is EHS:	Not reported
Mixture Component:	Not reported
Maximum Daily Amount Code:	11
Maximum Daily Amount Unit:	gal
Chemical Added Date:	08/10/2017
Is Chem PSM:	No
Is Chem 112R:	No
Is Chem 302:	No
Is Pesticide:	No
Is Fertilizer:	No
Physical State:	Liquid
UNNA Number:	1202
NFPA Health:	1
NFPA Flammability:	2
NFPA Reactivity:	0
NFPA Special Notice:	N/A
Hazards:	Health Acute, Health Aspiration, Health Carcinogenicity, Health SeriousEye, Health SkinCorrosion, Physical Combustive

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY YARD SUPPLY (Continued)**

**S111257233**

Number of Days Onsite: 365  
Year: 2018

**Chemical:**

Chemical Name: BIODIESEL BLEND  
Physical Description: LIQUID  
Case Number: 68476346  
Facility Id: 081108  
Physical State Of The Substance: 2  
Average Amount Possessed During The Year Code: 10  
Maximum Amount Possessed During The Year Code: 11  
Applicable Unit Of Measure Code: 2  
Description Of The Unit Of Measure: GALLONS  
Type Code: A  
Description: ABOVEGROUND TANK  
Type Code: Not reported  
Temperature Description: Not reported  
Pressure of Code: 1  
Pressure Description: NORMAL PRESSURE  
Pressure of Code: Not reported  
Pressure Description: Not reported  
Temperature Description: NORMAL TEMPERATURE  
Temperature of The Hazardous Substance Code: 4  
Temperature Description: Not reported  
Temperature of The Hazardous Substance Code: Not reported  
Days Hazardous Substance On Site During Year: 365  
Is The Substance Protected A Trade Secret: False  
Description Of The Max Qnty Code: 500-999  
Description Of The Avg Qnty Code: 200-499  
Most Hazardous Ingridient: DIESEL FUEL 2  
United Nations/north America 4 Digit Class Number: 1202  
Hazard Rank: 2  
EHS Ingredient: NONE LISTED ON MSDS  
Substance Pure: False  
Substance Mix: True  
First Hazardous Class Code For Chemical: Flammable and Combustible Liquid  
Second Hazardous Class Code For Chemical: Acute Health Hazard  
Third Hazardous Class Code For Chemical: Not reported  
Hazard Class 1 Of The Chemical: 3.0  
Hazard Class 2 Of The Chemical: 6.3  
Hazard Class 3 Of The Chemical: Not reported

**Additional Chemical:**

Chemical Is A Toxic 313 Chemical: N  
EPA Pesticide Registration Number: Not reported  
Contains 112R: N  
Contains EHS: N  
Fertilizer: N  
Pesticide: N  
Contains 313: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

18  
South  
1/2-1  
0.738 mi.  
3896 ft.

**LEVETON PROPERTIES**  
**CORNER OF SW 118TH AVE AND LEVETON DR**  
**TUALATIN, OR 97062**

**ECSI** 1006853761  
**VCP** N/A  
**FINDS**

**Relative:**  
**Lower**

ECSI:

**Actual:**  
**142 ft.**

Name: LEVETON PROPERTIES  
Address: CORNER OF SW 118TH AVE. AND LEVETON DR.  
City,State,Zip: TUALATIN, OR 97062  
State ID Number: 2038  
Brown ID: 0  
Study Area: False  
Region ID: 2  
Legislative ID: 831  
Investigation: No Further Action  
FACA ID: 40540  
Further Action: 0  
Lat/Long (dms): 45 23 6.00 / -122 47 53.50  
County Code: 34.00  
Score Value: Not reported  
Cerculis ID: Not reported  
Township Coord.: 2.00  
Township Zone: S  
Range Coord: 1.00  
Range Zone: W  
Section Coord: 22  
Qtr Section: Not reported  
Tax Lots: 100  
Size: 32 acres  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 11/27/2013  
Created Date: 04/24/1997  
Decode For RegionID: Northwest Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: No Further Action  
Decode For Legislative: Owner, operator or other party under agreement, order or consent  
decree under ORS 465.200 or 465.420

Narrative:

NARR ID: 5736811  
NARR Code: Site Contacts  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcID: Site Contacts  
NARR Comments: Contractor - Mike Blankenship, Squier Associates

NARR ID: 5736812  
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: TCE from an off-site source (Crystal Lite Manufacturing, ECSI #107).



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEVETON PROPERTIES (Continued)**

**1006853761**

NARR ID: 5736813  
NARR Code: Media Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Media Contamination  
NARR Comments: groundwater

NARR ID: 5736814  
NARR Code: Remedial Action  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Remedial Action  
NARR Comments: Declined by DEQ for a Prospective Purchaser Agreement. Joined VCP for DEQ review of groundwater contamination from off-site source prior to property transaction, May 1, 1997. (11/7/97 SAM/VCP) DEQ issued No Further Action June 11, 1997.

**Administrative Action:**

Action ID: 9443  
Region: Northwestern Region  
Complete Date: 06/11/1997  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: NO FURTHER STATE ACTION REQUIRED  
Further Action: Not reported  
Comments: Not reported

Action ID: 9459  
Region: Northwestern Region  
Complete Date: 06/10/1997  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: PRELIMINARY ASSESSMENT EQUIVALENT  
Further Action: Not reported  
Comments: Not reported

Action ID: 9424  
Region: Northwestern 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: Northwest Region

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEVETON PROPERTIES (Continued)**

**1006853761**

Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9519  
Region: Northwestern Region  
Complete Date: 04/28/1997  
Rank Value: 5  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region

Category: Remedial Action  
Action Code Flag: False  
Action: VCS Waiting List  
Further Action: Not reported  
Comments: Not reported

Action ID: 9442  
Region: Northwestern Region  
Complete Date: 05/26/1997  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region

Category: Remedial Action  
Action Code Flag: False  
Action: NEGOTIATIONS  
Further Action: Not reported  
Comments: Not reported

**VCS:**

Name: LEVETON PROPERTIES  
Address: CORNER OF SW 118TH AVE. AND LEVETON DR.  
City,State,Zip: TUALATIN, OR 97062  
ECS Site ID: 2038  
Facility Size: 32 acres  
Action: Site added to database  
Start Date: 04/24/1997  
End Date: 04/24/1997  
Program: VCS  
Latitude: 45.385  
Longitude: -122.7982

Name: LEVETON PROPERTIES  
Address: CORNER OF SW 118TH AVE. AND LEVETON DR.  
City,State,Zip: TUALATIN, OR 97062  
ECS Site ID: 2038  
Facility Size: 32 acres  
Action: PRELIMINARY ASSESSMENT EQUIVALENT  
Start Date: 05/27/1997  
End Date: 06/10/1997  
Program: VCS  
Latitude: 45.385

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEVETON PROPERTIES (Continued)**

**1006853761**

Longitude: -122.7982  
  
Name: LEVETON PROPERTIES  
Address: CORNER OF SW 118TH AVE. AND LEVETON DR.  
City,State,Zip: TUALATIN, OR 97062  
ECS Site ID: 2038  
Facility Size: 32 acres  
Action: VCS Waiting List  
Start Date: 04/22/1997  
End Date: 04/28/1997  
Program: VCS  
Latitude: 45.385  
Longitude: -122.7982

Name: LEVETON PROPERTIES  
Address: CORNER OF SW 118TH AVE. AND LEVETON DR.  
City,State,Zip: TUALATIN, OR 97062  
ECS Site ID: 2038  
Facility Size: 32 acres  
Action: NO FURTHER STATE ACTION REQUIRED  
Start Date: 06/11/1997  
End Date: 06/11/1997  
Program: VCS  
Latitude: 45.385  
Longitude: -122.7982

Name: LEVETON PROPERTIES  
Address: CORNER OF SW 118TH AVE. AND LEVETON DR.  
City,State,Zip: TUALATIN, OR 97062  
ECS Site ID: 2038  
Facility Size: 32 acres  
Action: NEGOTIATIONS  
Start Date: 04/28/1997  
End Date: 05/26/1997  
Program: VCS  
Latitude: 45.385  
Longitude: -122.7982

**FINDS:**

Registry ID: 110014159436

Click Here:

**Environmental Interest/Information System:**

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

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

19  
WSW  
1/2-1  
0.831 mi.  
4387 ft.

**TUALATIN RIVER PIPELINE LEAK**  
**2S/1W/S16C**  
**KING CITY, OR 97224**

**ECSI** 1006854277  
**CRL** N/A  
**INST CONTROL**  
**VCP**  
**FINDS**

**Relative:**  
**Lower**

**Actual:**  
**120 ft.**

ECSI:

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
State ID Number: 1682  
Brown ID: 0  
Study Area: False  
Region ID: 2  
Legislative ID: 831  
Investigation: Listed on the CRL/Inventory  
FACA ID: 40270  
Further Action: 260  
Lat/Long (dms): 45 23 30.00 / -122 49 .00  
County Code: 34.00  
Score Value: Not reported  
Cercelis ID: Not reported  
Township Coord.: 2.00  
Township Zone: S  
Range Coord: 1.00  
Range Zone: W  
Section Coord: 16  
Qtr Section: C  
Tax Lots: Not reported  
Size: 2 to 3 acres  
NPL: False  
Orphan: False  
Updated By: RHOOD  
Update Date: 01/23/2018  
Created Date: 05/02/1995  
Decode For RegionID: Northwest Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Low  
Decode For Investstat: Listed on the CRL/Inventory  
Decode For Legislative: Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

Alias Name: Kinder Morgan  
Alias Name: Sante Fe Pacific Pipeline Leak Site

Hazardous Release:

Substance ID.: 121608  
Haz Release ID: 380184  
Qty Released: Not reported  
Date Released: Not reported  
Update Date: 10/17/1995  
Update By: Not reported  
Substance Code: 71-43-2  
Substance Name: BENZENE  
Substance Abbrev.: Not reported  
Substance Category ID: 8502  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8502

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 319178  
Sub Alias Name: BENZOL  
Substance Alias ID: 319179  
Sub Alias Name: COAL NAPTHA  
Substance Alias ID: 319180  
Sub Alias Name: CYCLOHEXATRIENE  
Substance Alias ID: 319181  
Sub Alias Name: PHENE  
Substance Alias ID: 319182  
Sub Alias Name: PYROBENZOL  
Sampling Result ID: 343751  
Feature Id: Not reported  
Hazard Release Id: 380184  
Medium: 698  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 06/08/1996  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 40,000 ug/l  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Groundwater  
Sampling Result ID: 343756  
Feature Id: Not reported  
Hazard Release Id: 380184  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/04/1991  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 570 mg/kg  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Soil  
  
Substance ID.: 120883  
Haz Release ID: 380185  
Qty Released: Not reported  
Date Released: Not reported  
Update Date: 10/17/1995  
Update By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Substance Code: 108-88-3  
Substance Name: TOLUENE  
Substance Abbrev.: Not reported  
Substance Category ID: 8520  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8520  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 316466  
Sub Alias Name: BENZENE,METHYL-  
Substance Alias ID: 316467  
Sub Alias Name: METHACIDE  
Substance Alias ID: 316468  
Sub Alias Name: METHYLBENZENE  
Substance Alias ID: 316469  
Sub Alias Name: METHYLBENZOL  
Substance Alias ID: 316470  
Sub Alias Name: PHENYLMETHANE  
Substance Alias ID: 316471  
Sub Alias Name: TOLUOL  
Sampling Result ID: 343752  
Feature Id: Not reported  
Hazard Release Id: 380185  
Medium: 698  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 12/22/1996  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 19,000 ug/l  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Groundwater  
Sampling Result ID: 343758  
Feature Id: Not reported  
Hazard Release Id: 380185  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/04/1991  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Sample Comment: 2500 mg/kg  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Soil

Substance ID.: 120781  
Haz Release ID: 380186  
Qty Released: Not reported  
Date Released: Not reported  
Update Date: 10/17/1995  
Update By: Not reported  
Substance Code: 100-41-4  
Substance Name: ETHYLBENZENE  
Substance Abbrev.: Not reported  
Substance Category ID: 8515  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8515  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 316146  
Sub Alias Name: ETHYLBENZOL  
Substance Alias ID: 316147  
Sub Alias Name: PHENYLETHANE

Sampling Result ID: 343753  
Feature Id: Not reported  
Hazard Release Id: 380186  
Medium: 698  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 09/15/1996  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 2300 ug/l  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Groundwater  
Sampling Result ID: 343757  
Feature Id: Not reported  
Hazard Release Id: 380186  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/04/1991



Map ID  
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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 510 mg/kg  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Soil

Substance ID.: 121051  
Haz Release ID: 380187  
Qty Released: Not reported  
Date Released: Not reported  
Update Date: 10/17/1995  
Update By: Not reported  
Substance Code: 1330-20-7  
Substance Name: XYLENEs  
Substance Abbrev.: Not reported  
Substance Category ID: 8526  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8526  
Substance Category: Volatiles  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 317017  
Sub Alias Name: DIMETHYLBENZENEs  
Substance Alias ID: 317018  
Sub Alias Name: XYLOLs  
Sampling Result ID: 343754  
Feature Id: Not reported  
Hazard Release Id: 380187  
Medium: 698  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 09/15/1996  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 13,100 ug/l  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Groundwater  
Sampling Result ID: 343755  
Feature Id: Not reported  
Hazard Release Id: 380187  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False

Map ID  
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MAP FINDINGS

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/04/1991  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 2700 mg/kg  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Soil

Substance ID.: 121996  
Haz Release ID: 380188  
Qty Released: Not reported  
Date Released: Not reported  
Update Date: 10/17/1995  
Update By: Not reported  
Substance Code: ECD228  
Substance Name: PETROLEUM HYDROCARBONS  
Substance Abbrev.: Not reported  
Substance Category ID: 8534  
Substance Category: Petroleum Related Releases for OSPIRG Report  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8534  
Substance Category: Petroleum Related Releases for OSPIRG Report  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Sampling Result ID: 343759  
Feature Id: Not reported  
Hazard Release Id: 380188  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: True  
Sample Depth: Not reported  
Start Date: 10/04/1991  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: 39,000 mg/kg as TPH-G  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Soil

Substance ID.: 121983  
Haz Release ID: 384907  
Qty Released: Not reported  
Date Released: Not reported  
Update Date: 07/05/1997  
Update By: Not reported  
Substance Code: ECD173  
Substance Name: GASOLINE

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Substance Abbrev.: Not reported  
Substance Category ID: 8530  
Substance Category: Petroleum Related Releases for OSPIRG Report  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8530  
Substance Category: Petroleum Related Releases for OSPIRG Report  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Sampling Result ID: 343492  
Feature Id: Not reported  
Hazard Release Id: 384907  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: True  
Owner Operator: False  
Lab Data: False  
Sample Depth: Not reported  
Start Date: 10/04/1991  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: LNAPL  
Last Update By: jma  
Update Date: 05/07/1997  
Decode for MediumID: Soil

**Narrative:**

NARR ID: 5734943  
NARR Code: Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: DBAILEY  
Updated Date: 04/01/2014  
Decode for NardID: Contamination  
NARR Comments: (5/7/97 JMA/VCS) During routine maintenance in October 1991 a small hole was noted in an underground 2-inch bypass line at a checkvalve station at the site. The failure and release appear due to corrosion along the bypass line. Although the exact volume and duration of the release is unknown, it appears at least several hundred thousand gallons of pipeline product were released. More than 6 feet of LNAPL have been reported at the site. The current areal extent of the LNAPL plume is estimated to be nearly 100,000 square feet (2 acres), and the current maximum height of the LNAPL plume is 5.3 feet. The dissolved phase plume is estimated to be slightly larger than the LNAPL plume. In response to the release Santa Fe Pacific Pipeline Partners (SFPP) installed a number of LNAPL and groundwater recovery wells in 1991. SFPP also installed a treatment system in 1991 to separate and collect LNAPL, treat groundwater, and extract and treat petroleum hydrocarbon vapors collected from certain monitoring wells. The LNAPL, groundwater and vapor recovery and treatment system was upgraded in early 1997 to increase system efficiency, effectiveness, and capacity. The primary components of the treatment system include an oil/water separator, diffused air treatment system, activated carbon adsorption canisters, and a thermal oxidation unit (for vapor

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

treatment). As of early 1997, over 150,000 gallons of gasoline have been removed from the subsurface. Petroleum hydrocarbon seeps along the river bank and a sheen on the river were noted in the vicinity of the release in both August 1995 and August 1996. SFPP responded to the the seeps by deploying and maintaining absorbent booms along the river to control the sheen. SFPP also installed a 120-foot long interceptor trench near the river in the vicinity of the seeps. In June 1996, SFPP installed a 250-foot long, air sparging groundwater interceptor trench to treat impacted groundwater. (12/29/99 JMA/VCP) SFPP completed a series of further upgrades of the recovery treatment system to more efficiently and effectively recover and treat free product, impacted groundwater, and vapor. (10/12/00 JMA/VCP) SFPP continued to enhance recovery/treatment system by using multi-phase vacuum-enhanced pumps (i.e., bioslurp) and free-product recovery pumps. (10/12/09 LGG) An air sgarging / soil vapor recovery IRAM has operated since January 2008 with excellent results in reducing free product and groundwater contamination. The treatment system was turned off in Fall 2013 to evaluate rebound as a potential pathway to a conditional no further action at the property.

NARR ID: 5742970  
NARR Code: Data Sources  
Created By: JWAGGY  
Created Date: 01/31/2003  
Updated By: DBAILEY  
Updated Date: 04/01/2014  
Decode for NardID: Data Sources  
NARR Comments: NWR Cleanup Site files.

NARR ID: 5734944  
NARR Code: Hazardous Substance/Waste Types  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: JWAGGY  
Updated Date: 01/31/2003  
Decode for NardID: Hazardous Substance/Waste Types  
NARR Comments: Gasoline and subordinate diesel range petroleum hydrocarbons (including constituents such as benzene). Light non-aqueous phase liquids (LNAPL) are present in the subsurface.

NARR ID: 5734945  
NARR Code: Project Issues Summary  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: DBAILEY  
Updated Date: 04/01/2014  
Decode for NardID: Project Issues Summary  
NARR Comments: The release has been characterized. A remediation system consisting of soil vapor extraction and air sparging was in operation for several years. Concentrations in groundwater have been reduced to below risk based concentrations in the shoreline wells. A groundwater rebound evaluation is currently in progress to determine whether a conditional no further action status for the project can be implemented.

NARR ID: 5734946  
NARR Code: Site Location

Map ID  
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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

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: South bank of Tualatin River, under BPA/PGE right-of-way. 0.25 miles north of SW Pacific Drive.

NARR ID: 5734947  
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: In October 1991, failure of a check valve in a bypass line resulted in the release of several hundred thousand gallons of gasoline. The exact volume of the release is unknown.

NARR ID: 5734948  
NARR Code: Media Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: DBAILEY  
Updated Date: 04/01/2014  
Decode for NarcdID: Media Contamination  
NARR Comments: The October 1991 release contaminated subsurface soil, groundwater and surface water.

NARR ID: 5734949  
NARR Code: Site Ownership  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Site Ownership  
NARR Comments: SFPP was purchased by Kinder Morgan in 1997, but is still operating as SFPP.

NARR ID: 5734950  
NARR Code: Project Activity Status  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: DBAILEY  
Updated Date: 04/01/2014  
Decode for NarcdID: Project Activity Status  
NARR Comments: The concentrations in groundwater have been reduced to non-detect at shoreline wells and only two wells continue to show minor levels of product. A rebound evaluation is in progress to determine if the treatment system can be turned off and the project issued a conditional no further action.

NARR ID: 5734951  
NARR Code: Pathways Other Hazards  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: DBAILEY

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Updated Date: 04/01/2014  
Decode for NarcdID: Pathways & Other Hazards  
NARR Comments: (5/7/97 JMA/VCS) The site is located immediately outside the Urban Growth Boundary and is surrounded by single-family residential development, farms and commercial land use along Pacific Highway. The release occurred approximately 300 feet south of the Tualatin River, approximately 75 feet above the river. Soil, air, surface water (river), groundwater, and river sediments may serve as exposure or transport media for chemicals from the property to receptors. A list of possible exposure pathways at the property includes: direct contact (dermal contact) with soil, groundwater, surface water, or sediments; ingestion of contaminated soil, groundwater, surface water, sediments, or biota (e.g., fish); inhalation of vapors emanating from contaminated soil or groundwater. Given that METRO recently purchased the property as part of their Open Space program and plan to return the property to a natural state, potential human exposure to site contaminants is expected to be limited. The pipeline release posed a potential threat to ecological receptors and habitat. Remediation at the site has reduce that potential such that a conditional no further action is under consideration. A decision will be made following completion of the rebound evaluation which is in progress.

NARR ID: 5734952  
NARR Code: Project Type  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Project Type  
NARR Comments: Responsible Party Initiated Letter Agreement

NARR ID: 5734953  
NARR Code: Remedial Action  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: DBAILEY  
Updated Date: 10/20/2015  
Decode for NarcdID: Remedial Action  
NARR Comments: (5/7/97 JMA/VCS) Interim Remedial Action Measures (IRAM) and quarterly groundwater monitoring continue at the site. Components of the IRAM include: LNAPL recovery, groundwater extraction and treatment, soil vapor extraction, and in-situ air sparging of groundwater. A Formal Agreement to conduct a Remedial Investigation/Feasibility Study was executed in September 1996. (12/29/99 JMA/VCP) SFPP is currently conducting an RI for the project. The field work is complete and SFPP is currently preparing the RI report. (12/11/01 JMA/VCP) SFPP was purchased by Kinder Morgan (KM). KM submitted a draft RI report in October 2000. DEQ commented on the draft report and KM is currently resolving DEQ's concerns and revising the draft report. The RI report contains the human health and ecological risk assessments. KM continues to operate and enhance their on-site IRAM system. (8/15/06 JAK/VCP) Product recovery and groundwater remediation technologies currently being pilot-tested as part of Feasibility Study completion. Revised FS report due Fall 2006. (10/12/09 LGG) An air sparging / soil vapor extraction (AS/SVE) IRAM began operation in January 2008. The separate phase hydrocarbon

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

presence and levels of groundwater contamination have decreased. A revised FS addendum was received 10/06/09. (1/11 DAB) Additional evaluation of the effectiveness of the IRAM has been required. (4/14 DAB) Concentrations in shoreline wells have dropped to non-detect. The soil vapor extraction/air sparging system has been turned off for the review. Following completion of a rebound evaluation a decision will be made as to whether or not a conditional no further action can be issued for the property. (5/7/2015 DAB) The rebound data have been presented in the Second Semi-Annual Progress Report-2014 dated January 2015. A proposal for the path forward on the project was on April 7, 2015 in a report entitled <quot>Rebound Evaluation Summary and Proposed Path Forward.<quot> A groundwater sampling event was performed in October 2015. Depending on the results of the sampling, a conditional no further action determination will be proposed for the property in Fall 2015.

NARR ID: 5734954  
NARR Code: Health Threats  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: GWISTAR  
Updated Date: 03/22/2017  
Decode for NardID: Health Threats  
NARR Comments: (5/7/97 JMA/VCS) Given the existing understanding of the current and reasonably anticipated future land use at the site, the most significant threat to human health posed by contamination resulting from the pipeline release may be inhalation of vapors emanating from contaminated soil or groundwater. Groundwater use in the immediate vicinity of the site is thought to be limited. SFPP will identify and evaluate potential risk to human health during the RI. The site is adjacent to the Tualatin River. The US Fish and Wildlife Service has established the Tualatin River National Wildlife Refuge in the vicinity of the site. Consequently, the greatest threat posed by contamination from the release may be to ecological receptors or habitat. SFPP will identify and evaluate potential ecological risk during the RI. (12/29/99 JMA/VCP) SFPP recently conducted a series of three-species water column bioassays to help evaluate the risk potentially presented to ecological receptors posed by contaminated groundwater. SFPP recently used the bioassay data to calculate population-based cleanup goals for contaminated groundwater. (3/2017) Contamination at the property has been reduced significantly, and a <quot>rebound evaluation<quot> has shown that the SVE/AS system can be turned off; no further threats remain at the site.

NARR ID: 5754363  
NARR Code: 1922  
Created By: DBAILEY  
Created Date: 12/06/2012  
Updated By: RHOOD  
Updated Date: 04/26/2019  
Decode for NardID: Current Site Summary Statement  
NARR Comments: 4/26/2019: All items in PPA have been completed. (RAH) [March 2017]  
In October 1991, failure of a check valve in a bypass line 11/2018: Monitoring wells decommissioned. finalizing PPA Certificate of Completion with Metro. (RAH) along the pipeline resulted in a large release of gasoline to subsurface soils and groundwater. The site is on the south bank of the Tualatin River under a BPA/PGE right-of-way,

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

0.25 miles north of SW Pacific Drive. Cleanup actions implemented included: construction of an interceptor trench/extraction of groundwater; use of an oil-water separator; air sparging; and soil vapor extraction.<br><br> In March 2017, DEQ made a conditional no-further-action determination, with conditions including: no groundwater use at the site; implementation of a contaminated media management plan as appropriate; a notice of environmental contamination on the property deed; and additional monitoring, at least in 2018.

Site Control:

Site Control #: 1089  
Control Number: 1  
Begin Date: 01/14/2016  
End Date: Not reported  
Frequency Of Review: 60  
Last Reviewed By: D. Bailey, DEQ  
Last Reviewed Date: Not reported  
Last Update By: GWISTAR  
Last Updated Date: 12/22/2016  
Site Comment: Notice of Environmental Hazards was filed on site parcels with residual soil and/or groundwater effects.

Site Control #: 1090  
Control Number: 4  
Begin Date: 01/14/2016  
End Date: Not reported  
Frequency Of Review: 60  
Last Reviewed By: D. Bailey, DEQ  
Last Reviewed Date: Not reported  
Last Update By: GWISTAR  
Last Updated Date: 12/22/2016  
Site Comment: Groundwater use at the site prohibited.

Administrative Action:

Action ID: 9464  
Region: Headquarters  
Complete Date: 10/25/1996  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Headquarters  
Category: Remedial Action  
Action Code Flag: False  
Action: Prospective Purchaser Agreement  
Further Action: Not reported  
Comments: Not reported

Action ID: 9498  
Region: Northwestern Region  
Complete Date: 05/08/1997  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 09/03/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Listing Action



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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Action Code Flag: False  
Action: Proposal for Confirmed Release List recommended  
Further Action: 0  
Comments: Not reported

Action ID: 9499  
Region: Northwestern Region  
Complete Date: 05/08/1997  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 09/03/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Listing Action  
Action Code Flag: False  
Action: Proposal for Inventory recommended  
Further Action: 0  
Comments: Not reported

Action ID: 9423  
Region: Northwestern Region  
Complete Date: 09/22/2003  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 12/16/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Ecological Risk Assessment  
Further Action: 0  
Comments: Not reported

Action ID: 9429  
Region: Northwestern Region  
Complete Date: 10/06/2009  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 02/10/2005  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: FEASIBILITY STUDY  
Further Action: Medium  
Comments: Not reported

Action ID: 9409  
Region: Northwestern Region  
Complete Date: 09/22/2003  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 01/31/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Action: Beneficial Water Use Assessment  
Further Action: 0  
Comments: Not reported

Action ID: 9486  
Region: Northwestern Region  
Complete Date: 09/22/2003  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 01/31/2003  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False

Action: RISK ASSESSMENT  
Further Action: 0  
Comments: Not reported

Action ID: 9425  
Region: Northwestern Region  
Complete Date: 08/17/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False

Action: SITE EVALUATION  
Further Action: Not reported  
Comments: Not reported

Action ID: 9442  
Region: Northwestern Region  
Complete Date: 08/17/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False

Action: NEGOTIATIONS  
Further Action: Not reported  
Comments: Not reported

Action ID: 9424  
Region: Northwestern Region  
Complete Date: 05/02/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Further Action: Not reported  
Comments: Not reported

Action ID: 9519  
Region: Northwestern Region  
Complete Date: 05/29/1995  
Rank Value: 8  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: VCS Waiting List  
Further Action: Not reported  
Comments: Not reported

Action ID: 9438  
Region: Northwestern Region  
Complete Date: 01/22/1998  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Listing Action  
Action Code Flag: False  
Action: Facility placed on Confirmed Release List  
Further Action: 0  
Comments: Not reported

Action ID: 9439  
Region: Northwestern Region  
Complete Date: 01/22/1998  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Listing Action  
Action Code Flag: False  
Action: Facility placed on Inventory  
Further Action: Not reported  
Comments: Not reported

Action ID: 9459  
Region: Northwestern Region  
Complete Date: 08/17/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: PRELIMINARY ASSESSMENT EQUIVALENT  
Further Action: Not reported

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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Comments: Not reported

Action ID: 9465  
Region: Northwestern Region  
Complete Date: 10/21/1997  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Listing Action  
Action Code Flag: False  
Action: Facility proposed for Confirmed Release List  
Further Action: Not reported  
Comments: Not reported

Action ID: 9467  
Region: Northwestern Region  
Complete Date: 10/21/1997  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Listing Action  
Action Code Flag: False  
Action: Facility proposed for Inventory  
Further Action: Not reported  
Comments: Not reported

Action ID: 9440  
Region: Northwestern Region  
Complete Date: 05/30/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Letter Agreement  
Further Action: Not reported  
Comments: Not reported

Action ID: 9491  
Region: Northwestern Region  
Complete Date: 10/06/2009  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: REMOVAL  
Further Action: 0  
Comments: Not reported

Map ID  
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**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Action ID: 9484  
Region: Northwestern Region  
Complete Date: 09/22/2003  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: REMEDIAL INVESTIGATION  
Further Action: 0  
Comments: Not reported

Action ID: 9491  
Region: Northwestern Region  
Complete Date: 01/14/2016  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 04/01/2014  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: REMOVAL  
Further Action: 0  
Comments: Not reported

Action ID: 9411  
Region: Northwestern Region  
Complete Date: 03/16/2017  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 08/17/2016  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: No Further Action (Conditional)  
Further Action: 0  
Comments: Not reported

Action ID: 9450  
Region: Northwestern Region  
Complete Date: 11/15/2018  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 01/23/2018  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: OPERATION and MAINTENANCE  
Further Action: Low  
Comments: Not reported

Action ID: 9464

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Region: Northwestern Region  
Complete Date: 04/26/2019  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 11/15/2018  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Prospective Purchaser Agreement  
Further Action: 0  
Comments: Not reported

Action ID: 9414  
Region: Northwestern Region  
Complete Date: Not reported  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 05/13/2019  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Certification of Completion  
Further Action: 0  
Comments: Not reported

**Operations:**

Operation Id: 133013  
Operation Status: Active  
Common Name: Santa Fe Pacific Pipeline(Kinder Morgan)  
Yrs of Operation: Unknown  
Comments: Refined petroleum product (gasoline) pipeline  
Updated Date: 10/12/2000  
Updated By: jmw  
Decode for OpstatID: Active  
Operations SIC Id: 196456  
SIC Code: 4613  
Created By: Not reported  
Created Date: 12/17/2002

**CRL:**

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
Facility ID: 1682  
Location ID: 40270  
Status Code: LIS  
Facility Status: Certification of Completion  
Lat/Long: 45.3916 / -122.8166

**Institutional Control:**

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
Site Control Sequence #: 1089  
Site Id: 1682

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Control Sequence #: 1  
Begin Date: 01/14/2016  
End Date: Not reported  
Frequency Of Review: 60  
Last Reviewed By: D. Bailey, DEQ  
Last Review Date: Not reported  
Last Updated By: GWISTAR  
Last Updated Date: 12/22/2016  
Group Sequence #: 1  
Control Code: DN  
Control Description: Deed Notice  
FK Type Code: 1  
Group Code: ID  
Group Description: Informational Devices  
Type Code: I  
Type Description: Institutional  
Comments: Notice of Environmental Hazards was filed on site parcels with residual soil and/or groundwater effects.

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
Site Control Sequence #: 1090  
Site Id: 1682  
Control Sequence #: 4  
Begin Date: 01/14/2016  
End Date: Not reported  
Frequency Of Review: 60  
Last Reviewed By: D. Bailey, DEQ  
Last Review Date: Not reported  
Last Updated By: GWISTAR  
Last Updated Date: 12/22/2016  
Group Sequence #: 2  
Control Code: USG  
Control Description: Use Restriction Groundwater  
FK Type Code: 1  
Group Code: PR  
Group Description: Proprietary  
Type Code: I  
Type Description: Institutional  
Comments: Groundwater use at the site prohibited.

**VCS:**

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Certification of Completion  
Start Date: 05/13/2019  
End Date: Not reported  
Program: VCP  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Proposal for Confirmed Release List recommended  
Start Date: 05/08/1997  
End Date: 05/08/1997  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Proposal for Inventory recommended  
Start Date: 05/08/1997  
End Date: 05/08/1997  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: FEASIBILITY STUDY  
Start Date: 11/10/2003  
End Date: 10/06/2009  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Beneficial Water Use Assessment  
Start Date: 08/03/1996  
End Date: 09/22/2003  
Program: VCP  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: RISK ASSESSMENT  
Start Date: 08/03/1996  
End Date: 09/22/2003  
Program: VCP  
Latitude: 45.3916  
Longitude: -122.8166



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Ecological Risk Assessment  
Start Date: 08/03/1996  
End Date: 09/22/2003  
Program: VCP  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Prospective Purchaser Agreement  
Start Date: 11/15/2018  
End Date: 04/26/2019  
Program: VCP  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: SITE EVALUATION  
Start Date: 05/30/1995  
End Date: 08/17/1995  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: No Further Action (Conditional)  
Start Date: 03/16/2017  
End Date: 03/16/2017  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: OPERATION & MAINTENANCE  
Start Date: 01/23/2018  
End Date: 11/15/2018  
Program: VCP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Latitude: 45.3916  
Longitude: -122.8166  
  
Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Facility proposed for Confirmed Release List  
Start Date: 10/21/1997  
End Date: 10/21/1997  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: REMOVAL  
Start Date: 01/14/2008  
End Date: 01/14/2016  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Facility placed on Inventory  
Start Date: 01/22/1998  
End Date: 01/22/1998  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: REMOVAL  
Start Date: 09/03/1996  
End Date: 10/06/2009  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: NEGOTIATIONS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

Start Date: 05/30/1995  
End Date: 08/17/1995  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: PRELIMINARY ASSESSMENT EQUIVALENT  
Start Date: 08/17/1995  
End Date: 08/17/1995  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Facility proposed for Inventory  
Start Date: 10/21/1997  
End Date: 10/21/1997  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: REMEDIAL INVESTIGATION  
Start Date: 09/03/1996  
End Date: 09/22/2003  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Site added to database  
Start Date: 05/02/1995  
End Date: 05/02/1995  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUALATIN RIVER PIPELINE LEAK (Continued)**

**1006854277**

ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: VCS Waiting List  
Start Date: 04/21/1995  
End Date: 05/29/1995  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Facility placed on Confirmed Release List  
Start Date: 01/22/1998  
End Date: 01/22/1998  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

Name: TUALATIN RIVER PIPELINE LEAK  
Address: 2S/1W/S16C  
City,State,Zip: KING CITY, OR 97224  
ECS Site ID: 1682  
Facility Size: 2 to 3 acres  
Action: Letter Agreement  
Start Date: 05/30/1995  
End Date: 05/30/1995  
Program: VCS  
Latitude: 45.3916  
Longitude: -122.8166

FINDS:  
Registry ID: 110014164965

Click Here:

Environmental Interest/Information System:

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

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

20  
NE  
1/2-1  
0.877 mi.  
4632 ft.

**SUMMERFIELD CIVIC ASSOCIATION**  
**10650 SW SUMMERFIELD DR.**  
**TIGARD, OR 97224**

**ECSI S120851083**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**200 ft.**

ECSI:  
Name: SUMMERFIELD CIVIC ASSOCIATION  
Address: 10650 SW SUMMERFIELD DR.  
City,State,Zip: TIGARD, OR 97224  
State ID Number: 6185  
Brown ID: 0  
Study Area: False  
Region ID: 2  
Legislative ID: 0  
Investigation: Suspect  
FACA ID: 17141  
Further Action: 0  
Lat/Long (dms): 45 24 26.44 / -122 46 34.46  
County Code: 34.00  
Score Value: Not reported  
Cercle ID: Not reported  
Township Coord.: 2.00  
Township Zone: S  
Range Coord: 1.00  
Range Zone: W  
Section Coord: 11  
Qtr Section: Not reported  
Tax Lots: 2600  
Size: Not reported  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 06/07/2017  
Created Date: 03/03/2017  
Decode For RegionID: Northwest Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: Suspect  
Decode For Legislative: Not reported

**Narrative:**

NARR ID: 5756768  
NARR Code: Contamination  
Created By: GWISTAR  
Created Date: 06/07/2017  
Updated By: GWISTAR  
Updated Date: 06/07/2017  
Decode for NardID: Contamination  
NARR Comments: (K. Cameron, 6/17) This is a LUST site. A dig-and-haul cleanup was done but there were questions about soil-gas migration to a very nearby residence. DEQ has asked the consultant to take indoor air samples at this residence.<br><br> DEQ can't issue a site closure decision until it can be shown that contaminants left in the ground will not affect the residence.

NARR ID: 5756769  
NARR Code: Project Type  
Created By: GWISTAR  
Created Date: 06/07/2017

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUMMERFIELD CIVIC ASSOCIATION (Continued)**

**S120851083**

Updated By: GWISTAR  
Updated Date: 06/07/2017  
Decode for NarcdID: Project Type  
NARR Comments: See also LUST #34-16-0513.

**Administrative Action:**

Action ID: 9424  
Region: Not reported  
Complete Date: 03/03/2017  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 03/03/2017  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Not reported  
Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9476  
Region: Northwestern Region  
Complete Date: 03/09/2017  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 03/09/2017  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Refer to Program  
Further Action: 0  
Comments: Not reported

**21 BARSTAD SAND PIT**  
**SSW 18400 SW PACIFIC HWY**  
**1/2-1 TUALATIN, OR 97062**

**ECSI 1006854167**  
**FINDS N/A**

**0.902 mi.**  
**4761 ft.**

**Relative:**  
**Lower**

**Actual:**  
**142 ft.**

**ECSI:**  
Name: BARSTAD SAND PIT  
Address: 18400 SW PACIFIC HWY  
City, State, Zip: TUALATIN, OR 97062  
State ID Number: 1815  
Brown ID: 0  
Study Area: False  
Region ID: 2  
Legislative ID: 0  
Investigation: Suspect  
FACA ID: 40362  
Further Action: 260  
Lat/Long (dms): 45 23 9.20 / -122 48 31.00  
County Code: 34.00  
Score Value: Not reported  
Cercle ID: Not reported  
Township Coord.: 2.00  
Township Zone: S

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Range Coord: 1.00  
Range Zone: W  
Section Coord: 21  
Qtr Section: AD  
Tax Lots: 2S1-21A - 02100  
Size: 30.24 acres  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 12/06/2007  
Created Date: 01/11/1996  
Decode For RegionID: Northwest Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Low  
Decode For Investstat: Suspect  
Decode For Legislative: Not reported  
Alias Name: Grimm's Fuel Co.  
Alias Name: Tigard Recreational Park, Inc.

**Hazardous Release:**

Substance ID.: 121664  
Haz Release ID: 380299  
Qty Released: Unknown  
Date Released: 1985  
Update Date: 01/18/1996  
Update By: Not reported  
Substance Code: 7440-38-2  
Substance Name: ARSENIC  
Substance Abbrev.: Not reported  
Substance Category ID: 8439  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8439  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 319286  
Sub Alias Name: AS  
Comment ID: 303248  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.  
Decode for Relcomcd: Data Sources  
Comment ID: 303249  
Release Code: General Comments  
Release Comments: Industrial waste used as sand pit backfill.  
Decode for Relcomcd: General Comments  
Comment ID: 303250  
Release Code: Media Contamination Footnote  
Release Comments: Concern for potential groundwater and/or surface water contamination.  
Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 303251  
Release Code: Release Containment  
Release Comments: Local soils are sands. Groundwater is very shallow. Indication of significant potential for runoff to nearby streams.  
Decode for Relcomcd: Release Containment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Substance ID.: 121671  
Haz Release ID: 380300  
Qty Released: Unknown  
Date Released: 1985  
Update Date: 01/18/1996  
Update By: Not reported  
Substance Code: 7440-47-3  
Substance Name: CHROMIUM  
Substance Abbrev.: Not reported  
Substance Category ID: 8462  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8462  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 318145  
Sub Alias Name: CHROMIUM, INORGANIC  
Substance Alias ID: 319294  
Sub Alias Name: CHROMIUM, TOTAL  
Comment ID: 303256  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.  
Decode for Relcomcd: Data Sources  
Comment ID: 303257  
Release Code: General Comments  
Release Comments: Industrial waste used as sand pit backfill.  
Decode for Relcomcd: General Comments  
Comment ID: 303258  
Release Code: Media Contamination Footnote  
Release Comments: Concern for potential groundwater and/or surface water contamination.  
Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 303259  
Release Code: Release Containment  
Release Comments: Local soils are sands. Groundwater is quite shallow. Indication of potential for runoff to nearby streams.  
Decode for Relcomcd: Release Containment

Substance ID.: 121639  
Haz Release ID: 380301  
Qty Released: Unknown  
Date Released: 1985  
Update Date: 01/18/1996  
Update By: Not reported  
Substance Code: 7439-92-1  
Substance Name: LEAD  
Substance Abbrev.: Not reported  
Substance Category ID: 8466  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8466  
Substance Category: Inorganics



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 319256  
Sub Alias Name: PB  
Comment ID: 303244  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.  
Decode for Relcomcd: Data Sources  
Comment ID: 303245  
Release Code: General Comments  
Release Comments: Industrial waste used as sand pit backfill.  
Decode for Relcomcd: General Comments  
Comment ID: 303246  
Release Code: Media Contamination Footnote  
Release Comments: Concern for potential groundwater and/or surface water contamination.  
Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 303247  
Release Code: Release Containment  
Release Comments: Local soils are sands. Groundwater is quite shallow. Indications of runoff potential to nearby streams.  
Decode for Relcomcd: Release Containment

Substance ID.: 121668  
Haz Release ID: 380302  
Qty Released: Unknown  
Date Released: 1985  
Update Date: 01/19/1996  
Update By: Not reported  
Substance Code: 7440-43-9  
Substance Name: CADMIUM  
Substance Abbrev.: Not reported  
Substance Category ID: 8460  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8460  
Substance Category: Inorganics  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Alias ID: 319291  
Sub Alias Name: CD  
Comment ID: 303252  
Release Code: Data Sources  
Release Comments: DEQ NWR ECSI File #185, Western Foundry.  
Decode for Relcomcd: Data Sources  
Comment ID: 303253  
Release Code: General Comments  
Release Comments: Industrial waste used as sand pit backfill.  
Decode for Relcomcd: General Comments  
Comment ID: 303254  
Release Code: Media Contamination Footnote  
Release Comments: Concern for potential groundwater and/or surface water contamination.  
Decode for Relcomcd: Media Contamination Footnote  
Comment ID: 303255

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Release Code: Release Containment  
Release Comments: Local soils are sands. Groundwater is very shallow. Indication of significant potential for runoff to nearby streams.  
Decode for Relcomcd: Release Containment

**Narrative:**

NARR ID: 5735672  
NARR Code: Site Contacts  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Site Contacts  
NARR Comments: Rod Grimm, Grimm's Fuel Company, 1203 SW McVey, Lake Oswego 97034. Also, 18850 SW Cipole Road, Sherwood. (503) 636-3623, (503) 692-3756, (503) 636-4689, (503) 639-3466, (503) 636-6532. Jeff Grimm, Grimm's Fuel Company. Mark Grimm, Grimm's Fuel Company.

NARR ID: 5735673  
NARR Code: Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Contamination  
NARR Comments: Site accepted industrial wastes from Western Foundry for disposal. Western Foundry wastes contained total lead, arsenic, cadmium, and chromium, but may have had variable leachability. Wastes also contained zirconium casting sands, but field radiation measurements indicate levels were only slightly above background radiation.

NARR ID: 5735674  
NARR Code: Data Sources  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Data Sources  
NARR Comments: DEQ NWR ECSI File #185, Western Foundry.

NARR ID: 5735675  
NARR Code: General Site Description  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: GWISTAR  
Updated Date: 02/21/2003  
Decode for NarcdID: General Site Description  
NARR Comments: Former sand borrow pit located along the south side of OR Hwy 99W, 1 mile south of King City, along and inside the western boundary of the City of Tualatin. The site lies at 40- to 50-feet lower elevation than Hwy 99W. The site is surrounded by a number of other industrial sites. See also related site ECSI #801 (Valley Yard Supply).

NARR ID: 5735676  
NARR Code: Hazardous Substance/Waste Types  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Updated Date: 12/17/2002  
Decode for NarcdID: Hazardous Substance/Waste Types  
NARR Comments: Site accepted industrial wastes from Western Foundry for disposal. Western Foundry's wastes contained slightly radioactive zirconium casting sands, along with arsenic, cadmium, chromium, and lead. Field analysis indicated that radiation at the Sand Pit was only slightly above background levels, and presented no significant health concerns. Analysis of metals in Western Foundry's waste streams indicated that the metals were usually not leachable. However, one sampling indicated leachable lead at a concentration above RCRA standards, suggesting that the wastes may have been variable in character, depending upon the type of scrap being melted by the foundry. Foundry wastes accepted at the site included baghouse dust, slag, and air scrubber sludge.

NARR ID: 5735677  
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: The site is located along the south side of OR Hwy 99W, about a mile south of King City, on the western boundary of, and just inside of, the City of Tualatin. The site lies at an elevation of about 40 to 50 feet below that of Hwy 99W.

NARR ID: 5735678  
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: Industrial wastes, including slag, baghouse dust, and air scrubber sludge, were disposed of at the site. The wastes may have contained leachable arsenic, chromium, and lead. The site is a former borrow pit with sandy soils and a groundwater table at 1 to 5 feet bgs. Surface runoff is also a possibility at the site's location.

NARR ID: 5735679  
NARR Code: Media Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Media Contamination  
NARR Comments: Contaminated solid wastes were disposed of at the site. Groundwater is very shallow at the site (1 to 5 feet bgs), and soils are sandy. There are indications that runoff to nearby streams may also be a local problem.

NARR ID: 5735680  
NARR Code: Site Ownership  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: GWISTAR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Updated Date: 02/21/2003  
Decode for NarcdID: Site Ownership  
NARR Comments: At the time that wastes were being accepted at the site, the site was owned by Barstad Sand Company, a subsidiary of Tigard Recreational Park, Inc., and managed by Claude Brinegar. Current site owner is Grimm's Fuel Company, a mulching operation. Grimm's has a much larger, and older, mulching operation to the west of the site at 18850 SW Cipole Road (near the corner of Cipole Road and Hwy 99W).

NARR ID: 5735681  
NARR Code: Pathways Other Hazards  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Pathways & Other Hazards  
NARR Comments: Groundwater at the site is 1 to 5 feet bgs, and local soils are sands. There is a pollution complaint in DEQ files indicating that surface runoff to nearby streams may also be a local problem.

NARR ID: 5735682  
NARR Code: Remedial Action  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Remedial Action  
NARR Comments: The Barstad Sand Company's composting operation was ordered by DEQ in 1985 to stop accepting wastes from Western Foundry, and to cover existing wastes with a cap of clean soil. There is no record to indicate a followup inspection to assure that wastes were adequately covered. Also, wastes from Western Foundry may have been variable in composition, dependent upon the composition of scrap being melted at the foundry. Wastes at the disposal site do not appear to have been adequately characterized. A second concern at this site is the shallow groundwater table and porous soils at the site. Groundwater is 1 to 5 feet bgs, and local soils are sands. There is also a pollution complaint in NWR files indicating contaminant runoff to surface water at a neighboring site. An expanded preliminary assessment (including sampling) should be conducted at this site to evaluate potential contaminant migration, under a low priority.

NARR ID: 5735683  
NARR Code: Substances of Concern  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Substances of Concern  
NARR Comments: Leachable arsenic, cadmium, chromium, and lead. Field data collected at the site indicate that zirconium casting sands disposed of at the site may not have radioactivity significantly above background levels.  
Not reported

NARR ID: 5735684  
NARR Code: Health Threats  
Created By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Health Threats  
NARR Comments: There is a significant number of domestic wells near the site, so groundwater contamination is a concern. Any surface runoff from the site would likely discharge to an unnamed stream to the south, which feeds Rock Creek, which discharges to the Tualatin River. Any dissolved metals or suspended metal particles reaching the Tualatin River could bioaccumulate in trout, steelhead, or Coho salmon, and possibly affect anyone consuming fish from the stream.

**Administrative Action:**

Action ID: 9424  
Region: Northwestern 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: Northwest Region  
Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9425  
Region: Northwestern Region  
Complete Date: 01/18/1996  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: SITE EVALUATION  
Further Action: Not reported  
Comments: Not reported

Action ID: 9510  
Region: Northwestern Region  
Complete Date: 01/18/1996  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Northwest Region  
Category: Remedial Action  
Action Code Flag: False  
Action: State Expanded Preliminary Assessment recommended (XPA)  
Further Action: Low  
Comments: Not reported

**Operations:**

Operation Id: 133134  
Operation Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARSTAD SAND PIT (Continued)**

**1006854167**

Common Name: Grimm's Fuel Company  
Yrs of Operation: 1987 - 1996  
Comments: Current operator at site. Wood/bark mulch production and sales.  
Updated Date: 01/18/1996  
Updated By: sxf  
Decode for OpstatID: Active  
Operations SIC Id: 196132  
SIC Code: 5261  
Created By: Not reported  
Created Date: 12/17/2002  
Operations SIC Id: 196133  
SIC Code: 5032  
Created By: Not reported  
Created Date: 12/17/2002

Operation Id: 133135  
Operation Status: Inactive  
Common Name: Tigard Recreation Park/Barstad Sand Co.  
Yrs of Operation: 1978 - 1985  
Comments: Provided disposal site for industrial wastes from Western Foundry.  
Produced marketable compost from paper pulp mill wastes.  
Updated Date: 01/18/1996  
Updated By: sxf  
Decode for OpstatID: Inactive  
Operations SIC Id: 196128  
SIC Code: 5191  
Created By: Not reported  
Created Date: 12/17/2002  
Operations SIC Id: 196129  
SIC Code: 4953  
Created By: Not reported  
Created Date: 12/17/2002  
Operations SIC Id: 196130  
SIC Code: 5032  
Created By: Not reported  
Created Date: 12/17/2002

**FINDS:**

Registry ID: 110014163779

Click Here:

**Environmental Interest/Information System:**

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

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

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PORTLAND	S106497099	COLUMBIA SLOUGH	31.5 MILES OF WATERWAY OVER AN		ECSI, CRL, ENG CONTROLS
PORTLAND	S107421141	EAST SIDE CSO	NEAR SE 18TH & MCLOUGHLIN TO N		ECSI, VCP
PORTLAND	2005707933	350 S PACIFIC HIGHWAY	350 S PACIFIC HIGHWAY		HMIRS
PORTLAND	S126298413	WILLAMETTE RIVER DOWNTOWN REACH	RIVER MILE (RM) 11.8 TO RM 16.		ECSI

# 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: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	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: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	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: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: EPA  
Telephone: N/A  
Last EDR Contact: 02/03/2022  
Next Scheduled EDR Contact: 04/11/2022  
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: 05/25/2021  
Date Data Arrived at EDR: 06/24/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/11/2022  
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: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/03/2022  
Next Scheduled EDR Contact: 04/25/2022  
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: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 800-424-9346
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/25/2022
	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: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (206) 553-1200
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (206) 553-1200
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (206) 553-1200
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (206) 553-1200
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 11/15/2021	Source: Department of the Navy
Date Data Arrived at EDR: 11/16/2021	Telephone: 843-820-7326
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 02/07/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/23/2022
	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: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 11/18/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 03/07/2022
	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: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 11/19/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 03/07/2022
	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: 09/13/2021  
Date Data Arrived at EDR: 09/21/2021  
Date Made Active in Reports: 12/15/2021  
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 12/16/2021  
Next Scheduled EDR Contact: 04/04/2022  
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: 12/01/2021  
Date Data Arrived at EDR: 12/21/2021  
Date Made Active in Reports: 12/30/2021  
Number of Days to Update: 9

Source: Department of Environmental Quality  
Telephone: 503-229-6629  
Last EDR Contact: 12/21/2021  
Next Scheduled EDR Contact: 04/11/2022  
Data Release Frequency: Quarterly

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

All facilities with a confirmed release.

Date of Government Version: 11/01/2021  
Date Data Arrived at EDR: 11/10/2021  
Date Made Active in Reports: 01/28/2022  
Number of Days to Update: 79

Source: Department of Environmental Quality  
Telephone: 503-229-6170  
Last EDR Contact: 02/09/2022  
Next Scheduled EDR Contact: 05/23/2022  
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: 01/13/2022  
Date Data Arrived at EDR: 01/14/2022  
Date Made Active in Reports: 01/21/2022  
Number of Days to Update: 7

Source: Department of Environmental Quality  
Telephone: 503-229-6299  
Last EDR Contact: 01/10/2022  
Next Scheduled EDR Contact: 04/25/2022  
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: 10/01/2021  
Date Data Arrived at EDR: 11/18/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 82

Source: Department of Environmental Quality  
Telephone: 503-229-5790  
Last EDR Contact: 02/08/2022  
Next Scheduled EDR Contact: 05/23/2022  
Data Release Frequency: Quarterly

### **INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in New Mexico and Oklahoma.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
Data Release Frequency: Varies

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

Date of Government Version: 05/28/2021  
Date Data Arrived at EDR: 06/22/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 90

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
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: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
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: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
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: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
Data Release Frequency: Varies

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

Date of Government Version: 10/12/2021  
Date Data Arrived at EDR: 11/15/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 85

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
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: 04/28/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/15/2021	Telephone: 415-972-3372
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 02/07/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 04/18/2022
	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: 10/01/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/18/2021	Telephone: 503-229-5815
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 02/09/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/23/2022
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/25/2021	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 11/18/2021	Telephone: 503-378-3473
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/24/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/09/2022
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land  
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021	Source: EPA Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-6136
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 02/09/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 8
Date Data Arrived at EDR: 11/15/2021	Telephone: 303-312-6137
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 10/12/2021	Source: EPA Region 9
Date Data Arrived at EDR: 11/15/2021	Telephone: 415-972-3368
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/14/2021	Source: EPA, Region 1
Date Data Arrived at EDR: 11/15/2021	Telephone: 617-918-1313
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 6
Date Data Arrived at EDR: 11/15/2021	Telephone: 214-665-7591
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 10
Date Data Arrived at EDR: 11/15/2021	Telephone: 206-553-2857
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

### INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021	Source: EPA Region 7
Date Data Arrived at EDR: 11/15/2021	Telephone: 913-551-7003
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-9424
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	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: 12/01/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/21/2021	Telephone: 503-229-5193
Date Made Active in Reports: 12/30/2021	Last EDR Contact: 12/21/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/11/2022
	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: 12/01/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/21/2021	Telephone: 503-229-5193
Date Made Active in Reports: 12/30/2021	Last EDR Contact: 12/21/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/11/2022
	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: 12/14/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

### **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

### **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: 01/05/2022	Source: DEQ
Date Data Arrived at EDR: 02/03/2022	Telephone: 503-229-5256
Date Made Active in Reports: 02/09/2022	Last EDR Contact: 02/01/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Quarterly

## ***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: 11/01/2021  
Date Data Arrived at EDR: 11/10/2021  
Date Made Active in Reports: 01/31/2022  
Number of Days to Update: 82

Source: Department of Environmental Quality  
Telephone: 503-229-6801  
Last EDR Contact: 02/09/2022  
Next Scheduled EDR Contact: 05/23/2022  
Data Release Frequency: Annually

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### **US BROWNFIELDS: A Listing of Brownfields Sites**

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

Date of Government Version: 06/10/2021  
Date Data Arrived at EDR: 06/10/2021  
Date Made Active in Reports: 08/17/2021  
Number of Days to Update: 68

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/08/2021  
Next Scheduled EDR Contact: 03/28/2022  
Data Release Frequency: Semi-Annually

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

#### **HIST LF: Old Closed SW Disposal Sites**

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

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 07/08/2003  
Date Made Active in Reports: 07/18/2003  
Number of Days to Update: 10

Source: Department of Environmental Quality  
Telephone: 503-229-5409  
Last EDR Contact: 07/08/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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

A listing of recycling facility locations.

Date of Government Version: 11/22/2021  
Date Data Arrived at EDR: 11/22/2021  
Date Made Active in Reports: 02/09/2022  
Number of Days to Update: 79

Source: Department of Environmental Quality  
Telephone: 503-229-5353  
Last EDR Contact: 11/22/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: Quarterly

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/24/2022  
Next Scheduled EDR Contact: 05/09/2022  
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: 01/13/2022  
Next Scheduled EDR Contact: 05/02/2022  
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: 01/28/2022  
Next Scheduled EDR Contact: 05/09/2022  
Data Release Frequency: Varies

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

#### 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

#### 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

#### 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: 11/16/2021  
Date Data Arrived at EDR: 11/18/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/16/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: No Update Planned

#### CDL 2: Clandestine Drug Lab Site Listing

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

Date of Government Version: 10/01/2021  
Date Data Arrived at EDR: 10/27/2021  
Date Made Active in Reports: 01/21/2022  
Number of Days to Update: 86

Source: Oregon State Police  
Telephone: 503-373-1540  
Last EDR Contact: 01/28/2022  
Next Scheduled EDR Contact: 05/09/2022  
Data Release Frequency: Varies

#### CDL: Uninhabitable Drug Lab Properties

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2021  
Date Data Arrived at EDR: 08/31/2021  
Date Made Active in Reports: 10/20/2021  
Number of Days to Update: 50

Source: Department of Consumer & Business Services  
Telephone: 503-378-4133  
Last EDR Contact: 02/02/2022  
Next Scheduled EDR Contact: 05/16/2022  
Data Release Frequency: Quarterly

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 11/16/2021  
Date Data Arrived at EDR: 11/18/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/16/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: Quarterly

### PFAS: PFAS Site Contamination Listing

Site locations where pfas contamination has been detected.

Date of Government Version: 01/05/2022  
Date Data Arrived at EDR: 01/14/2022  
Date Made Active in Reports: 01/27/2022  
Number of Days to Update: 13

Source: Department of Environmental Quality  
Telephone: 503-229-6783  
Last EDR Contact: 01/11/2022  
Next Scheduled EDR Contact: 04/25/2022  
Data Release Frequency: Varies

### 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: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 02/03/2022  
Next Scheduled EDR Contact: 04/11/2022  
Data Release Frequency: Semi-Annually

### Records of Emergency Release Reports

#### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/12/2021  
Date Data Arrived at EDR: 09/13/2021  
Date Made Active in Reports: 09/28/2021  
Number of Days to Update: 15

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 12/16/2021  
Next Scheduled EDR Contact: 04/04/2022  
Data Release Frequency: Quarterly

#### SPILLS: Spill Data

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

Date of Government Version: 09/28/2021  
Date Data Arrived at EDR: 09/30/2021  
Date Made Active in Reports: 12/23/2021  
Number of Days to Update: 84

Source: Department of Environmental Quality  
Telephone: 503-229-5815  
Last EDR Contact: 12/27/2021  
Next Scheduled EDR Contact: 04/11/2022  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HAZMAT: Hazmat/Incidents

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

Date of Government Version: 10/01/2021  
Date Data Arrived at EDR: 10/27/2021  
Date Made Active in Reports: 01/21/2022  
Number of Days to Update: 86

Source: State Fire Marshal's Office  
Telephone: 503-373-1540  
Last EDR Contact: 01/28/2022  
Next Scheduled EDR Contact: 05/09/2022  
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: 09/13/2021  
Date Data Arrived at EDR: 09/15/2021  
Date Made Active in Reports: 10/12/2021  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (206) 553-1200  
Last EDR Contact: 12/17/2021  
Next Scheduled EDR Contact: 04/04/2022  
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: 10/26/2021  
Date Data Arrived at EDR: 11/16/2021  
Date Made Active in Reports: 02/08/2022  
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 11/16/2021  
Next Scheduled EDR Contact: 02/28/2022  
Data Release Frequency: Varies

#### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/14/2022  
Next Scheduled EDR Contact: 04/25/2022  
Data Release Frequency: Semi-Annually

#### FEDLAND: Federal and Indian Lands

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/07/2022  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: N/A

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

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

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/08/2022  
Next Scheduled EDR Contact: 05/23/2022  
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: 09/13/2021  
Date Data Arrived at EDR: 09/15/2021  
Date Made Active in Reports: 09/28/2021  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 12/17/2021  
Next Scheduled EDR Contact: 04/04/2022  
Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/01/2022  
Next Scheduled EDR Contact: 05/16/2022  
Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/03/2022  
Next Scheduled EDR Contact: 05/16/2022  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/17/2020  
Date Made Active in Reports: 09/10/2020  
Number of Days to Update: 85

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/17/2021  
Next Scheduled EDR Contact: 03/28/2022  
Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 08/14/2020  
Date Made Active in Reports: 11/04/2020  
Number of Days to Update: 82

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/16/2021  
Next Scheduled EDR Contact: 02/28/2022  
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: 10/18/2021  
Date Data Arrived at EDR: 10/20/2021  
Date Made Active in Reports: 01/10/2022  
Number of Days to Update: 82

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/19/2022  
Next Scheduled EDR Contact: 05/02/2022  
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: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 02/03/2022  
Next Scheduled EDR Contact: 03/14/2022  
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: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/12/2021  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 12/15/2021  
Number of Days to Update: 40

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 02/03/2022  
Next Scheduled EDR Contact: 05/16/2022  
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: 11/19/2020  
Date Data Arrived at EDR: 01/08/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 73

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/07/2022  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016  
Date Data Arrived at EDR: 11/23/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: 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  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/29/2021  
Date Data Arrived at EDR: 08/24/2021  
Date Made Active in Reports: 11/19/2021  
Number of Days to Update: 87

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 01/18/2022  
Next Scheduled EDR Contact: 05/02/2022  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 12/01/2020  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 70

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 11/30/2021  
Next Scheduled EDR Contact: 03/14/2022  
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  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 11/11/2019  
Number of Days to Update: 251

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/02/2021  
Next Scheduled EDR Contact: 03/14/2022  
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  
Date Data Arrived at EDR: 11/06/2019  
Date Made Active in Reports: 02/10/2020  
Number of Days to Update: 96

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 02/04/2022  
Next Scheduled EDR Contact: 05/16/2022  
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  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 12/27/2021  
Next Scheduled EDR Contact: 04/11/2022  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

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

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



## 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: 01/24/2022  
Next Scheduled EDR Contact: 05/08/2022  
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: 09/30/2021  
Date Data Arrived at EDR: 10/13/2021  
Date Made Active in Reports: 01/10/2022  
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/03/2022  
Next Scheduled EDR Contact: 04/18/2022  
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: 12/31/2019  
Date Data Arrived at EDR: 09/15/2021  
Date Made Active in Reports: 12/14/2021  
Number of Days to Update: 90

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/17/2021  
Next Scheduled EDR Contact: 04/04/2022  
Data Release Frequency: Biennially

### INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/04/2022  
Next Scheduled EDR Contact: 04/18/2022  
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: 07/26/2021  
Date Data Arrived at EDR: 07/27/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 01/31/2022  
Next Scheduled EDR Contact: 05/16/2022  
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: 12/09/2021  
Next Scheduled EDR Contact: 02/28/2022  
Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 11/29/2021  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 05/03/2022  
Next Scheduled EDR Contact: 04/11/2022  
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: 06/30/2021  
Date Data Arrived at EDR: 07/01/2021  
Date Made Active in Reports: 09/28/2021  
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admini  
Telephone: 202-693-9424  
Last EDR Contact: 12/20/2021  
Next Scheduled EDR Contact: 03/14/2022  
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: 11/02/2021  
Date Data Arrived at EDR: 11/22/2021  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 11/22/2021  
Next Scheduled EDR Contact: 03/07/2022  
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: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 11/22/2021  
Next Scheduled EDR Contact: 03/07/2022  
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: 11/22/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: Varies

### ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/14/2021  
Date Data Arrived at EDR: 09/15/2021  
Date Made Active in Reports: 12/15/2021  
Number of Days to Update: 91

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/14/2021  
Next Scheduled EDR Contact: 03/21/2022  
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: 05/05/2021  
Date Data Arrived at EDR: 05/18/2021  
Date Made Active in Reports: 08/17/2021  
Number of Days to Update: 91

Source: EPA  
Telephone: (206) 553-1200  
Last EDR Contact: 11/22/2021  
Next Scheduled EDR Contact: 03/14/2022  
Data Release Frequency: Quarterly

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 01/11/2022  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 34

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 01/11/2022  
Next Scheduled EDR Contact: 04/25/2022  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 11/23/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

### ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2022	Telephone: 202-564-2280
Date Made Active in Reports: 01/10/2022	Last EDR Contact: 01/04/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

### FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/15/2021	Source: EPA
Date Data Arrived at EDR: 11/15/2021	Telephone: 800-385-6164
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 11/15/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Quarterly

### AIRS: Oregon Title V Facility Listing

A listing of Title V facility source and emissions information.

Date of Government Version: 09/27/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/01/2021	Telephone: 503-229-6459
Date Made Active in Reports: 12/23/2021	Last EDR Contact: 12/20/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Annually

### COAL ASH: Coal Ash Disposal Sites Listing

A listing of coal ash disposal sites.

Date of Government Version: 12/31/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/23/2021	Telephone: 541-298-7255
Date Made Active in Reports: 06/15/2021	Last EDR Contact: 11/29/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

### DRYCLEANERS: Drycleaning Facilities

A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 01/25/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/26/2022	Telephone: 503-229-6783
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/24/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/09/2022
	Data Release Frequency: Annually

### ENF: Enforcement Action Listing

Enforcement actions

Date of Government Version: 09/09/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/09/2021	Telephone: 503-229-5696
Date Made Active in Reports: 11/30/2021	Last EDR Contact: 12/13/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for hazardous waste facilities.

Date of Government Version: 07/26/2021

Date Data Arrived at EDR: 09/15/2021

Date Made Active in Reports: 12/09/2021

Number of Days to Update: 85

Source: Department of Environmental Quality

Telephone: 541-633-2011

Last EDR Contact: 11/29/2021

Next Scheduled EDR Contact: 03/14/2022

Data Release Frequency: Semi-Annually

### Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/31/2021

Date Data Arrived at EDR: 09/02/2021

Date Made Active in Reports: 09/15/2021

Number of Days to Update: 13

Source: Department of Environmental Quality

Telephone: 503-229-5521

Last EDR Contact: 02/14/2022

Next Scheduled EDR Contact: 05/30/2022

Data Release Frequency: Semi-Annually

### HSIS: Hazardous Substance Information Survey

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

Date of Government Version: 10/26/2021

Date Data Arrived at EDR: 10/27/2021

Date Made Active in Reports: 01/21/2022

Number of Days to Update: 86

Source: State Fire Marshal's Office

Telephone: 503-373-1540

Last EDR Contact: 01/26/2022

Next Scheduled EDR Contact: 05/09/2022

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: 01/31/2022

Next Scheduled EDR Contact: 05/16/2022

Data Release Frequency: Annually

### NPDES: Wastewater Permits Database

A listing of permitted wastewater facilities.

Date of Government Version: 05/05/2021

Date Data Arrived at EDR: 05/12/2021

Date Made Active in Reports: 08/02/2021

Number of Days to Update: 82

Source: Department of Environmental Quality

Telephone: 503-229-5657

Last EDR Contact: 01/26/2022

Next Scheduled EDR Contact: 05/16/2022

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: 10/11/2021

Date Data Arrived at EDR: 11/04/2021

Date Made Active in Reports: 12/06/2021

Number of Days to Update: 32

Source: Department of Environmental Quality

Telephone: 503-229-5945

Last EDR Contact: 12/15/2021

Next Scheduled EDR Contact: 04/04/2022

Data Release Frequency: Quarterly

### MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 11/23/2021  
Next Scheduled EDR Contact: 03/07/2022  
Data Release Frequency: Varies

### PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Varies

### PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Semi-Annually

### 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  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 12/29/2021  
Next Scheduled EDR Contact: 04/18/2022  
Data Release Frequency: Semi-Annually

## EDR HIGH RISK HISTORICAL RECORDS

### EDR Exclusive Records

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

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

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

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

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

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

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## OTHER DATABASE(S)

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

### NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 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: 01/28/2022  
Next Scheduled EDR Contact: 05/09/2022  
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: 12/06/2021  
Next Scheduled EDR Contact: 03/21/2022  
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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Child Care Listings

Source: Employment Department

Telephone: 503-947-1420

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### State Wetlands Data: Wetlands Inventory Data

Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

17165 SW PACIFIC HIGHWAY  
17165 SW PACIFIC HIGHWAY  
PORTLAND, OR 97224

### **TARGET PROPERTY COORDINATES**

Latitude (North):	45.395872 - 45° 23' 45.14"
Longitude (West):	122.799892 - 122° 47' 59.61"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	515663.1
UTM Y (Meters):	5026730.0
Elevation:	144 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	14878100 BEAVERTON, OR
Version Date:	2020

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

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

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

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

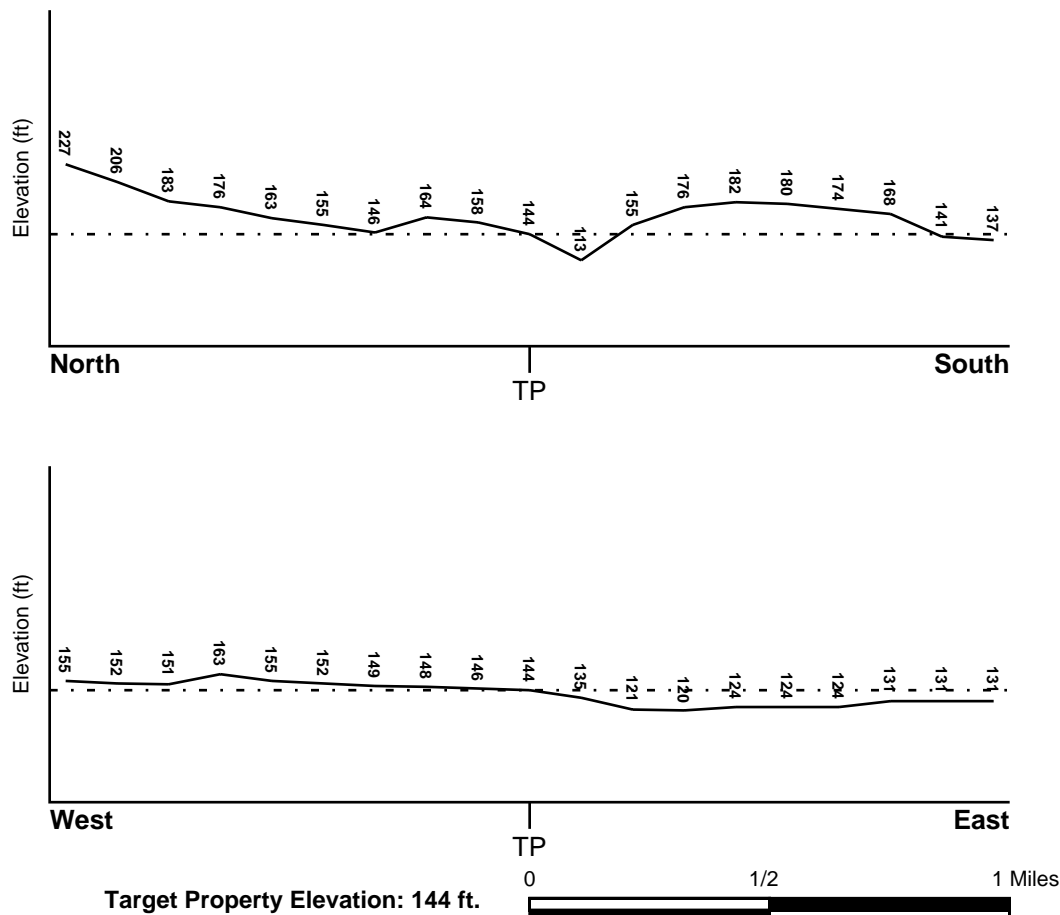
### TOPOGRAPHIC INFORMATION

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

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
4102760518C	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
4102760516C	FEMA FIRM Flood data
4102380516B	FEMA Q3 Flood data
4102690514A	FEMA FIRM Flood data
4102380519C	FEMA FIRM Flood data

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
BEAVERTON	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

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

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

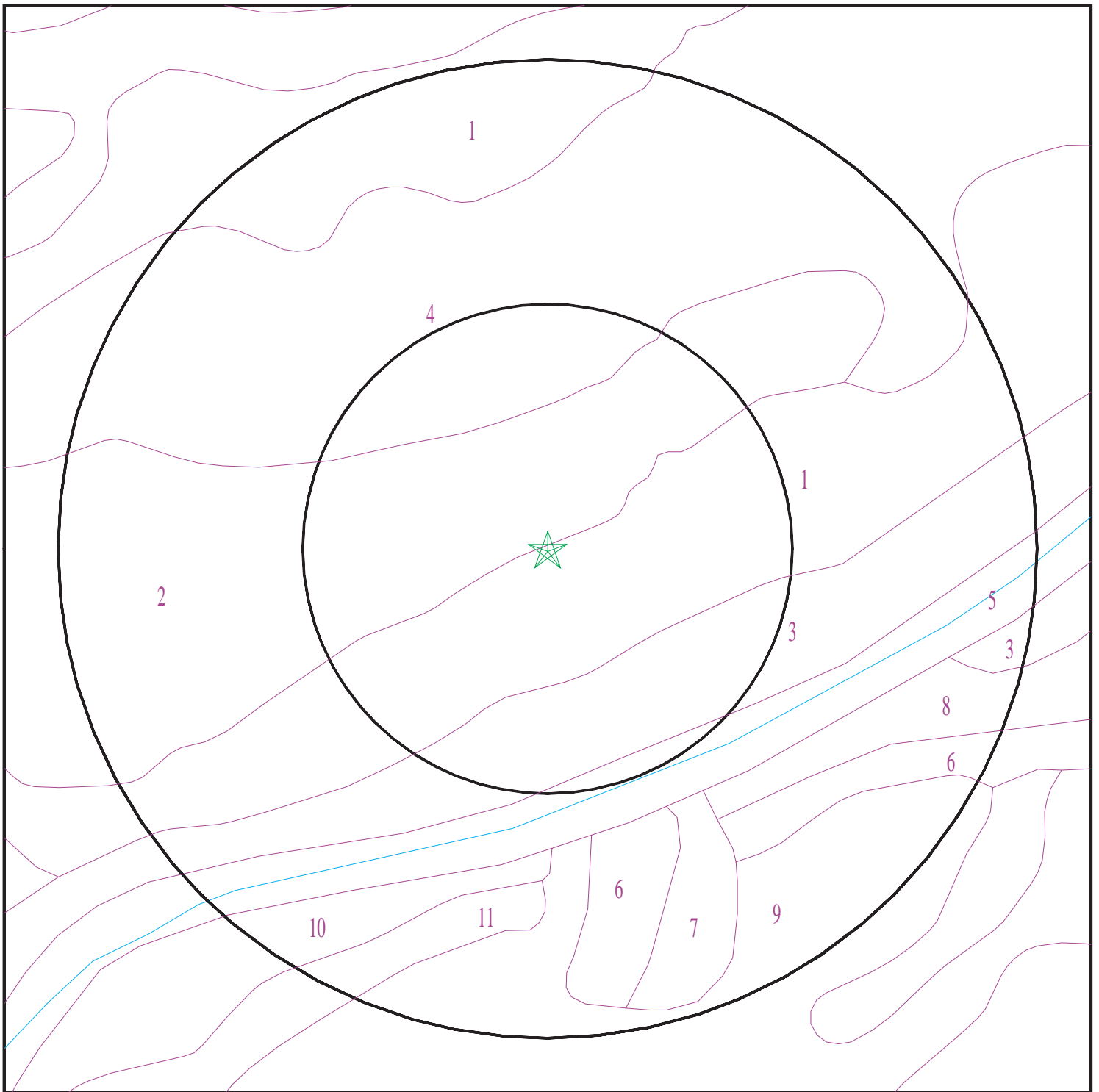
Era:	Cenozoic
System:	Tertiary
Series:	Miocene volcanic rocks
Code:	Tmv ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Volcanic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 6860454.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 17165 SW Pacific Highway  
ADDRESS: 17165 SW Pacific Highway  
Portland OR 97224  
LAT/LONG: 45.395872 / 122.799892

CLIENT: Alpha Environmental Services  
CONTACT: Casey Ward  
INQUIRY #: 6860454.2s  
DATE: February 15, 2022 1:51 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: Quatama

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6 Min: 5.6
2	14 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6 Min: 5.6
3	29 inches	61 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6 Min: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: Aloha

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6
2	7 inches	46 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6
3	46 inches	64 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6.5 Min: 5.6

### Soil Map ID: 3

Soil Component Name: Chehalis

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	16 inches	44 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	44 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

### Soil Map ID: 4

Soil Component Name: Quatama

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6 Min: 5.6
2	14 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6 Min: 5.6
3	29 inches	61 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 6 Min: 5.6

### Soil Map ID: 5

Soil Component Name: Water

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 6

Soil Component Name: Hillsboro

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
2	14 inches	48 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
3	48 inches	57 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
4	57 inches	81 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 7

Soil Component Name: Hillsboro

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
2	14 inches	48 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
3	48 inches	57 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
4	57 inches	81 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 8

Soil Component Name: Cove

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
2	7 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1

### Soil Map ID: 9

Soil Component Name: Hillsboro

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
2	14 inches	48 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
3	48 inches	57 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6
4	57 inches	81 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6 Min: 5.6

### Soil Map ID: 10

Soil Component Name: Chehalis

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	16 inches	44 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	44 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

### Soil Map ID: 11

Soil Component Name: Xerochrepts

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
2	7 inches	48 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1
3	48 inches	59 inches	very cobbly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.1

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000992978	1/8 - 1/4 Mile NNE
C4	USGS40000992924	1/2 - 1 Mile SSW
B7	USGS40000992933	1/2 - 1 Mile WSW
D9	USGS40000992928	1/2 - 1 Mile SE
E11	USGS40000992952	1/2 - 1 Mile East



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
13	USGS40000992969	1/2 - 1 Mile East
F14	USGS40000993006	1/2 - 1 Mile NW

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

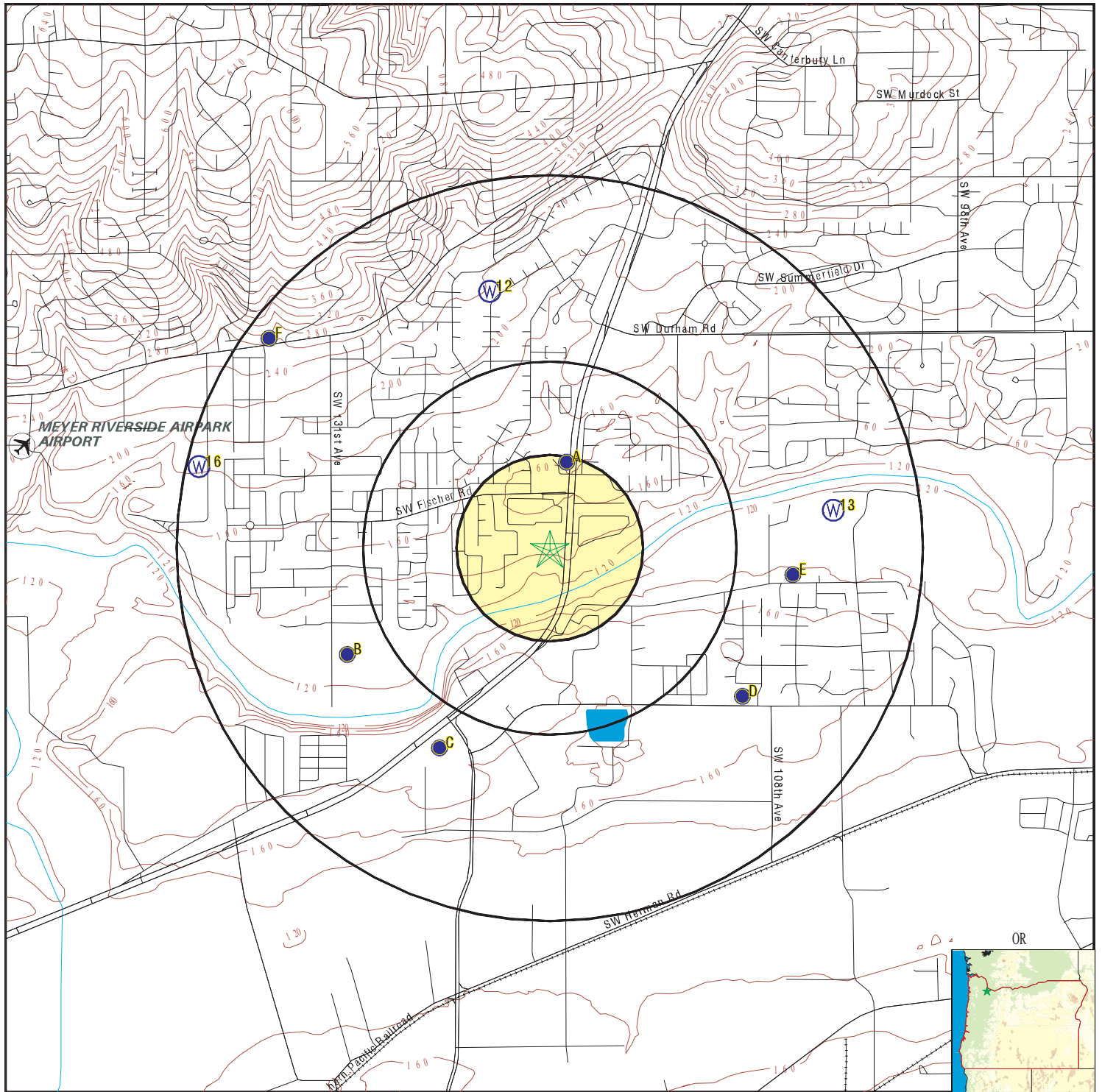
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	ORWD70000000499	1/8 - 1/4 Mile North
B3	ORWD70000002320	1/2 - 1 Mile WSW
C5	ORWD70000004246	1/2 - 1 Mile SSW
B6	ORWD70000006486	1/2 - 1 Mile WSW
D8	ORWD70000004713	1/2 - 1 Mile SE
E10	ORWD70000004715	1/2 - 1 Mile East
12	ORWD70000000491	1/2 - 1 Mile NNW
F15	ORWD70000000489	1/2 - 1 Mile NW
16	ORWD70000004277	1/2 - 1 Mile WNW

# PHYSICAL SETTING SOURCE MAP - 6860454.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME: 17165 SW Pacific Highway  
 ADDRESS: 17165 SW Pacific Highway  
 Portland OR 97224  
 LAT/LONG: 45.395872 / 122.799892

CLIENT: Alpha Environmental Services  
 CONTACT: Casey Ward  
 INQUIRY #: 6860454.2s  
 DATE: February 15, 2022 1:51 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A1**  
**NNE**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS USGS40000992978**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	02S/01W-15BDA	Type:	Well
Description:	'OWRD STATE OBS WELL 1064'		
HUC:	17090010	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported		
Aquifer:	Columbia Plateau basaltic-rock aquifers		
Formation Type:	Columbia River Basalt Group		
Aquifer Type:	Not Reported	Construction Date:	19620614
Well Depth:	695	Well Depth Units:	ft
Well Hole Depth:	695	Well Hole Depth Units:	ft

**A2**  
**North**  
**1/8 - 1/4 Mile**  
**Higher**

**OR WELLS ORWD70000000499**

GW Site ID:	567	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011789
GW Well County:	WASH	GW Well Number:	11789
Well Tag Number:	0	Tag Verified:	0
Site Source:	OWRD	State Observation #:	1064
Well Status:	INACTIVE	Established By:	MARC NORTON
Aquifer:	Columbia River Basalt	Aquifer System:	Late Tertiary Basalt Aquifers
Max Depth:	695	Land Surface Elevation (ft):	150
Water Level Count:	1	WL Measuring Started:	04-FEB-97
WL Measuring Ended:	04-FEB-97	Obs Well Status:	State Obs Well Non-Current
Hydrography URL:	Not Reported		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11789">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11789</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=567">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=567</a>		

**B3**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**OR WELLS ORWD70000002320**

GW Site ID:	2420	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011838
GW Well County:	WASH	GW Well Number:	11838
Well Tag Number:	0	Tag Verified:	0
Site Source:	USGS	State Observation #:	0
Well Status:	Not Reported	Established By:	KARL WOZNAK
Aquifer:	Not Reported	Aquifer System:	Not Reported
Max Depth:	0	Land Surface Elevation (ft):	130
Water Level Count:	0	WL Measuring Started:	Not Reported
WL Measuring Ended:	Not Reported	Obs Well Status:	Not Reported
Hydrography URL:	Not Reported		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11838">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11838</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=2420">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=2420</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**C4**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40000992924**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	02S/01W-21AAA	Type:	Well
Description:	Not Reported	HUC:	17090010
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19480700
Well Depth:	500	Well Depth Units:	ft
Well Hole Depth:	500	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	1	Level reading date:	1948-07
Feet below surface:	80.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**C5**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**OR WELLS ORWD70000004246**

GW Site ID:	4358	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011909
GW Well County:	WASH	GW Well Number:	11909
Well Tag Number:	0	Tag Verified:	0
Site Source:	USGS	State Observation #:	0
Well Status:	Not Reported	Established By:	KARL WOZNAK
Aquifer:	Not Reported	Aquifer System:	Not Reported
Max Depth:	0	Land Surface Elevation (ft):	175
Water Level Count:	0	WL Measuring Started:	Not Reported
WL Measuring Ended:	Not Reported	Obs Well Status:	Not Reported
Hydrography URL:	Not Reported		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11909">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11909</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4358">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4358</a>		

**B6**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**OR WELLS ORWD70000006486**

GW Site ID:	6824	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011806
GW Well County:	WASH	GW Well Number:	11806
Well Tag Number:	0	Tag Verified:	0
Site Source:	OWRD	State Observation #:	954
Well Status:	INACTIVE	Established By:	OLD STATE OBS WELL DB
Aquifer:	Columbia River Basalt	Aquifer System:	Late Tertiary Basalt Aquifers
Max Depth:	285	Land Surface Elevation (ft):	127.55
Water Level Count:	36	WL Measuring Started:	20-MAR-73
WL Measuring Ended:	11-SEP-89	Obs Well Status:	State Obs Well Non-Current
Hydrography URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011806">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011806</a>		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11806">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11806</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=6824">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=6824</a>		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**B7**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000992933**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	02S/01W-16DCA	Type:	Well
Description:	Not Reported	HUC:	17090010
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Other aquifers	Formation Type:	Fluviolacustrine Deposits
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	495	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**D8**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**OR WELLS ORWD70000004713**

GW Site ID:	4825	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011725
GW Well County:	WASH	GW Well Number:	11725
Well Tag Number:	0	Tag Verified:	0
Site Source:	USGS	State Observation #:	0
Well Status:	Not Reported	Established By:	KARL WOZNIAK
Aquifer:	Not Reported	Aquifer System:	Not Reported
Max Depth:	0	Land Surface Elevation (ft):	167
Water Level Count:	0	WL Measuring Started:	Not Reported
WL Measuring Ended:	Not Reported	Obs Well Status:	Not Reported
Hydrography URL:	Not Reported		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11725">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11725</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4825">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4825</a>		

**D9**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40000992928**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	02S/01W-15DDC01	Type:	Well
Description:	Not Reported	HUC:	17090010
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790406
Well Depth:	90	Well Depth Units:	ft
Well Hole Depth:	90	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-04-06
Feet below surface:	56	Feet to sea level:	Not Reported
Note:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E10**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**OR WELLS ORWD70000004715**

GW Site ID:	4827	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011719
GW Well County:	WASH	GW Well Number:	11719
Well Tag Number:	16599	Tag Verified:	0
Site Source:	USGS	State Observation #:	0
Well Status:	Not Reported	Established By:	KARL WOZNIAK
Aquifer:	Not Reported	Aquifer System:	Not Reported
Max Depth:	0	Land Surface Elevation (ft):	145
Water Level Count:	3	WL Measuring Started:	12-JUL-88
WL Measuring Ended:	01-OCT-93	Obs Well Status:	Obs Well Non-Current
Hydrography URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011719">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011719</a>		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11719">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11719</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4827">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4827</a>		

**E11**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40000992952**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	02S/01W-15DAD01	Type:	Well
Description:	Not Reported	HUC:	17090010
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19880712
Well Depth:	66	Well Depth Units:	ft
Well Hole Depth:	66	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	3	Level reading date:	1993-10-01
Feet below surface:	23.47	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1993-10-01	Feet below surface:	23.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-07-12	Feet below surface:	20
Feet to sea level:	Not Reported	Note:	Not Reported

**12**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**OR WELLS ORWD70000000491**

GW Site ID:	557	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011587
GW Well County:	WASH	GW Well Number:	11587
Well Tag Number:	0	Tag Verified:	0
Site Source:	OWRD	State Observation #:	1010
Well Status:	INACTIVE	Established By:	MARC NORTON
Aquifer:	Columbia River Basalt	Aquifer System:	Late Tertiary Basalt Aquifers

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Max Depth:	805	Land Surface Elevation (ft):	215
Water Level Count:	32	WL Measuring Started:	20-MAR-73
WL Measuring Ended:	01-FEB-00	Obs Well Status:	State Obs Well Non-Current
Hydrography URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011587">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011587</a>		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11587">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11587</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=557">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=557</a>		

**13**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000992969**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	02S/01W-11BCB	Type:	Well
Description:	Not Reported	HUC:	17090010
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19470425
Well Depth:	610	Well Depth Units:	ft
Well Hole Depth:	610	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:      187  
 Feet below surface:      254.4  
 Note:      Not Reported

Level reading date:      2001-02-06  
 Feet to sea level:      Not Reported

Level reading date:      2000-02-01  
 Feet to sea level:      Not Reported

Feet below surface:      400  
 Note:      The site was being pumped.

Level reading date:      1999-02-11  
 Feet to sea level:      Not Reported

Feet below surface:      244.2  
 Note:      Not Reported

Level reading date:      1998-04-24  
 Feet to sea level:      Not Reported

Feet below surface:      246.6  
 Note:      Not Reported

Level reading date:      1997-09-16  
 Feet to sea level:      Not Reported

Feet below surface:      394  
 Note:      The site was being pumped.

Level reading date:      1997-02-04  
 Feet to sea level:      Not Reported

Feet below surface:      257.1  
 Note:      Not Reported

Level reading date:      1996-10-30  
 Feet to sea level:      Not Reported

Feet below surface:      281.2  
 Note:      Not Reported

Level reading date:      1996-07-10  
 Feet to sea level:      Not Reported

Feet below surface:      371  
 Note:      The site was being pumped.

Level reading date:      1995-10-30  
 Feet to sea level:      Not Reported

Feet below surface:      362  
 Note:      The site was being pumped.

Level reading date:      1995-07-25  
 Feet to sea level:      Not Reported

Feet below surface:      239.9  
 Note:      Not Reported

Level reading date:      1995-02-07  
 Feet to sea level:      Not Reported

Feet below surface:      243.0  
 Note:      The site was being pumped.

Level reading date:      1994-10-06  
 Feet to sea level:      Not Reported

Feet below surface:      249.4  
 Note:      The site was being pumped.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1994-05-20	Feet below surface:	238.4
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1992-09-20	Feet below surface:	334.6
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1992-04-07	Feet below surface:	236.7
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1991-01-15	Feet below surface:	256
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1990-08-09	Feet below surface:	319.6
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1990-04-30	Feet below surface:	240.4
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1990-01-24	Feet below surface:	244.9
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1989-09-12	Feet below surface:	329.6
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1989-05-24	Feet below surface:	238.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-10-14	Feet below surface:	247.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-09-07	Feet below surface:	332.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1988-07-27	Feet below surface:	320.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1988-04-25	Feet below surface:	240.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-09-09	Feet below surface:	248.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-04-22	Feet below surface:	245
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-10-23	Feet below surface:	237.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-07-15	Feet below surface:	234.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-05-07	Feet below surface:	232.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-11-29	Feet below surface:	230.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-05-10	Feet below surface:	227.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-10-17	Feet below surface:	232.05
Feet to sea level:	Not Reported	Note:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1984-05-24	Feet below surface:	233.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-11-03	Feet below surface:	255.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-03-23	Feet below surface:	262.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-10-21	Feet below surface:	267.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-04-21	Feet below surface:	263.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-10-23	Feet below surface:	274
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-21	Feet below surface:	272
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-10-23	Feet below surface:	274.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-21	Feet below surface:	272.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-14	Feet below surface:	486.84
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1978-04-12	Feet below surface:	471.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-01-27	Feet below surface:	274.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-11	Feet below surface:	281.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-07-21	Feet below surface:	279.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-20	Feet below surface:	452.0
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-01-20	Feet below surface:	278.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-07-28	Feet below surface:	279.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-05-21	Feet below surface:	277.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-20	Feet below surface:	279.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-07-28	Feet below surface:	278.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-07-23	Feet below surface:	277
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1975-02-28	Feet below surface:	242.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-03	Feet below surface:	244.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-22	Feet below surface:	240.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-02	Feet below surface:	240
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-02	Feet below surface:	229
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-04	Feet below surface:	250
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-14	Feet below surface:	249.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-01	Feet below surface:	249
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-09-03	Feet below surface:	264
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-02	Feet below surface:	268
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-02	Feet below surface:	270.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-06-02	Feet below surface:	265
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-02	Feet below surface:	242
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-24	Feet below surface:	246
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-02	Feet below surface:	246
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-01	Feet below surface:	258.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-02	Feet below surface:	257.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-09-05	Feet below surface:	265.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-08-01	Feet below surface:	275.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-07-02	Feet below surface:	269.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-06-05	Feet below surface:	268.0
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1973-04-02	Feet below surface:	270.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-03-21	Feet below surface:	275.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-12-01	Feet below surface:	269.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-01	Feet below surface:	268.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-10-02	Feet below surface:	264.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-09-01	Feet below surface:	270.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-08-01	Feet below surface:	270.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-07-01	Feet below surface:	261.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-06-02	Feet below surface:	264.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-05-01	Feet below surface:	272.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-04-01	Feet below surface:	272.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-03-05	Feet below surface:	265.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-02-06	Feet below surface:	274.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-01-02	Feet below surface:	279.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-01-01	Feet below surface:	279
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12-03	Feet below surface:	274
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12-01	Feet below surface:	274.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-11-03	Feet below surface:	296.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-11-02	Feet below surface:	296
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-10-01	Feet below surface:	291.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-09-02	Feet below surface:	291.0
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1971-08-03	Feet below surface:	285.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-07-01	Feet below surface:	272
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-05-01	Feet below surface:	274.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-04-01	Feet below surface:	281.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-03-01	Feet below surface:	275.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-01-02	Feet below surface:	293.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-01	Feet below surface:	298.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-11-03	Feet below surface:	291.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-10-01	Feet below surface:	286.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-09-02	Feet below surface:	275.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-08-03	Feet below surface:	286.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-07-01	Feet below surface:	286.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-06-02	Feet below surface:	278.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-05-05	Feet below surface:	286.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-04-01	Feet below surface:	286.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-03-02	Feet below surface:	298.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-02-02	Feet below surface:	279.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-01-26	Feet below surface:	282.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-01-02	Feet below surface:	274.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-12-01	Feet below surface:	268.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-10-31	Feet below surface:	274.0
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1969-09-30	Feet below surface:	286.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-08-31	Feet below surface:	263.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-07-31	Feet below surface:	270.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-06-30	Feet below surface:	271.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-04-30	Feet below surface:	273.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-03-31	Feet below surface:	256.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-02-28	Feet below surface:	250.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-01-31	Feet below surface:	259.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-12-31	Feet below surface:	227.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-12-02	Feet below surface:	227.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-10-31	Feet below surface:	250
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-10-01	Feet below surface:	220.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-09-03	Feet below surface:	278.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-08-05	Feet below surface:	227.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-06-28	Feet below surface:	271.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-05-31	Feet below surface:	271.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-04-30	Feet below surface:	273.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-03-29	Feet below surface:	305.0
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1968-02-29	Feet below surface:	271.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-01-17	Feet below surface:	244.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-12-31	Feet below surface:	305.0
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1967-11-30	Feet below surface:	259.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-10-31	Feet below surface:	261.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-09-30	Feet below surface:	261.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-08-31	Feet below surface:	203.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-07-31	Feet below surface:	282.0
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1967-06-30	Feet below surface:	221.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-05-31	Feet below surface:	207.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-04-28	Feet below surface:	224.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-03-31	Feet below surface:	238.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-02-28	Feet below surface:	238.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-01-31	Feet below surface:	238.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-12-31	Feet below surface:	238.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-11-30	Feet below surface:	227.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-10-26	Feet below surface:	233.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-09-30	Feet below surface:	234.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-08-31	Feet below surface:	232.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-07-30	Feet below surface:	380.0
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1966-06-30	Feet below surface:	223.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-05-31	Feet below surface:	223.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-04-27	Feet below surface:	221.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-04-01	Feet below surface:	222.0
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1966-03-31	Feet below surface:	223.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-01-03	Feet below surface:	223.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-11-30	Feet below surface:	223.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-11-01	Feet below surface:	225.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-08-31	Feet below surface:	230
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1965-08-01	Feet below surface:	230.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-07-30	Feet below surface:	290
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1965-06-01	Feet below surface:	245.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-03-31	Feet below surface:	225.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1964-07-30	Feet below surface:	338.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1964-06-29	Feet below surface:	235
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1964-05-01	Feet below surface:	323.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1964-02-10	Feet below surface:	222.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1963-12-31	Feet below surface:	225
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-11-15	Feet below surface:	338.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1963-08-13	Feet below surface:	312.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1963-08-09	Feet below surface:	225.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-06-29	Feet below surface:	235
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-05-13	Feet below surface:	304.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1963-03-05	Feet below surface:	293.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1963-02-05	Feet below surface:	223
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1962-11-19	Feet below surface:	224.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-07-30	Feet below surface:	225
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-02-12	Feet below surface:	221
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-03-08	Feet below surface:	223
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-10-11	Feet below surface:	214
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-04-01	Feet below surface:	188
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-04-25	Feet below surface:	188
Feet to sea level:	Not Reported	Note:	Not Reported

**F14  
NW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000993006**

Organization ID:	USGS-OR	Organization Name:	USGS Oregon Water Science Center
Monitor Location:	02S/01W-16ABB	Type:	Well
Description:	'OWRD STATE OBS WELL 953'	HUC:	17090010
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Columbia Plateau basaltic-rock aquifers		
Formation Type:	Columbia River Basalt Group		
Aquifer Type:	Not Reported	Construction Date:	19600913
Well Depth:	163	Well Depth Units:	ft
Well Hole Depth:	163	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	54	Level reading date:	1998-04-24
Feet below surface:	127.1	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1997-09-16	Feet below surface:	130.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-04	Feet below surface:	129.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-30	Feet below surface:	132.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-10	Feet below surface:	128.9
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1995-10-30	Feet below surface:	127.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-25	Feet below surface:	126.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-08	Feet below surface:	127.7



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	129.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-15	Feet below surface:	126.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-10-26	Feet below surface:	128.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-04-08	Feet below surface:	124.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-05-13	Feet below surface:	124.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-08-14	Feet below surface:	127.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-04-26	Feet below surface:	126.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-01-24	Feet below surface:	127.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-09-12	Feet below surface:	130.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-05-26	Feet below surface:	120.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-09-07	Feet below surface:	128.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-07-29	Feet below surface:	127.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-04-25	Feet below surface:	127.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-11-16	Feet below surface:	128.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-09-10	Feet below surface:	127.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-04-22	Feet below surface:	124.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-10-23	Feet below surface:	125.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-05-07	Feet below surface:	122.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-12-05	Feet below surface:	123
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-05-12	Feet below surface:	119
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1984-11-09	Feet below surface:	121.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-06-06	Feet below surface:	129
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-11-08	Feet below surface:	124
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-03-21	Feet below surface:	124.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-10-19	Feet below surface:	128.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-22	Feet below surface:	132.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-04-10	Feet below surface:	133.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-10	Feet below surface:	136.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-08-02	Feet below surface:	135.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-04-12	Feet below surface:	137
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-01-26	Feet below surface:	137.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-11	Feet below surface:	139.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-07-20	Feet below surface:	138.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-19	Feet below surface:	137.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-01-19	Feet below surface:	138
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-10-12	Feet below surface:	138
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-07-27	Feet below surface:	138
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-04-21	Feet below surface:	137
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-20	Feet below surface:	137.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-10-22	Feet below surface:	139.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-07-15	Feet below surface:	137.0
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1975-04-15	Feet below surface:	136.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-20	Feet below surface:	138.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-14	Feet below surface:	138
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-08	Feet below surface:	135
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-10-15	Feet below surface:	118
Feet to sea level:	Not Reported	Note:	Not Reported

**F15  
NW  
1/2 - 1 Mile  
Higher**

**OR WELLS      ORWD70000000489**

GW Site ID:	555	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011552
GW Well County:	WASH	GW Well Number:	11552
Well Tag Number:	0	Tag Verified:	0
Site Source:	OWRD	State Observation #:	953
Well Status:	INACTIVE	Established By:	MARC NORTON
Aquifer:	Late Tertiary Basalt Aq	Aquifer System:	Late Tertiary Basalt Aquifers
Max Depth:	163	Land Surface Elevation (ft):	265
Water Level Count:	56	WL Measuring Started:	08-MAY-74
WL Measuring Ended:	02-FEB-01	Obs Well Status:	State Obs Well Non-Current
Hydrography URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011552">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_hydrograph/Hydrograph.aspx?gw_logid=WASH0011552</a>		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11552">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11552</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=555">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=555</a>		

**16  
WNW  
1/2 - 1 Mile  
Higher**

**OR WELLS      ORWD700000004277**

GW Site ID:	4389	Site Type:	WELL
Stage:	Complete	GW Log ID:	WASH0011833
GW Well County:	WASH	GW Well Number:	11833
Well Tag Number:	0	Tag Verified:	0
Site Source:	USGS	State Observation #:	0
Well Status:	Not Reported	Established By:	KARL WOZNIAK
Aquifer:	Late Tertiary Basalt Aq	Aquifer System:	Late Tertiary Basalt Aquifers
Max Depth:	0	Land Surface Elevation (ft):	175
Water Level Count:	0	WL Measuring Started:	Not Reported
WL Measuring Ended:	Not Reported	Obs Well Status:	Not Reported
Hydrography URL:	Not Reported		
Well Log URL:	<a href="https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11833">https://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?wl_county_code=WASH&amp;wl_nbr=11833</a>		
OWRD URL:	<a href="https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4389">https://apps.wrd.state.or.us/apps/gw/gw_info/gw_info_report/gw_details.aspx?gw_site_id=4389</a>		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: OR Radon

### Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97224	26	3.8	0.1	1.4	0

Federal EPA Radon Zone for WASHINGTON County: 2

Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for WASHINGTON COUNTY, OR

Number of sites tested: 22

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.190 pCi/L	95%	5%	0%
Basement	1.260 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### State Wetlands Data: Wetlands Inventory Data

Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Data

Source: Department of Water Resources

Telephone: 503-986-0843

## OTHER STATE DATABASE INFORMATION

#### Oil and Gas Well Locations

Source: Department of Geology and Mineral Industries

Telephone: 971-673-1540

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

### RADON

#### State Database: OR Radon

Source: Oregon Health Services

Telephone: 503-731-4272

Radon Levels in Oregon

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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**EXHIBIT C-2: GENERAL PUBLIC RECORDS**

**Not Applicable to This Report**



## **APPENDIX D: CLIENT PROVIDED DOCUMENTATION**



## **ASTM E-1527-13 Phase I Environmental Site Assessment (ESA) User Questionnaire**

User: In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Please complete this questionnaire at your earliest convenience. For those questions that are not applicable to the Subject Property please respond with an "N/A". This document must be signed by the User. If you have any questions about how to answer any of the questions please call Alpha Environmental Services, Inc. (503) 292-5346. If additional pages for response are necessary please attach them to this form. Clearly mark all references to the appropriate question number(s). This document and your written response to same will be an exhibit in Grant's report.

### **PROPERTY INFORMATION**

**Property Name: SW Pacific Highway Lot**

**Property Address: 17165 SW Pacific Hwy**

**City: King City**

**State: OR**

**Zip: 97224**

**Assessor's Parcel Number: R523339**

### **ASTM-REQUIRED INQUIRIES**

**(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).**

*Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?*

not aware

Alpha Environmental Services, Inc.  
11080 SW Allen Blvd. Suite 100  
Beaverton, Oregon 97005  
T: (503) 292-5346 F: (503) 203-1516

SW Pacific Highway Lot  
22-45989



**(2.) Activity and land use limitations (AUL) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).**

*Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?*

not aware

**(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**

*As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?*

not aware

**(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).**

*Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?*

not aware

**(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**

*Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?*

not aware

*(a.) Do you know the past uses of the property? Please list them here.*

not aware

*(b.) Do you know of specific chemicals that are present or once were present at the property?*

not aware



*(c.) Do you know of spills or other chemical releases that have taken place at the property?*

not aware

*(d.) Do you know of any environmental cleanups that have taken place at the property?*

not aware

**(6.) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

*As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?*

not aware

### **USER INFORMATION**

**Signature:**\_\_\_\_\_.

**Date:** 2/18/22\_\_\_\_\_.

**Printed Name:** Ian Gallager\_\_\_\_\_.

**Title:** Project Manager\_\_\_\_\_.

**Company:** Habitat for Humanity Portland Region\_\_\_\_\_.

**Relationship to Subject Property:** Owner, Builder\_\_\_\_\_.

### **RETURN INFORMATION**

User: Please return completed form and any attachments to:

**Alpha Environmental Services, Inc., 11080 SW Allen Blvd. Ste 100 Beaverton, Oregon 97005**

**Telephone: (503) 849-8237 Fax: (503) 688-9865**

**Email: Casey@alphaenvironmental.net**

Alpha Environmental Services, Inc.  
11080 SW Allen Blvd. Suite 100  
Beaverton, Oregon 97005  
T: (503) 292-5346 F: (503) 203-1516

SW Pacific Highway Lot  
22-45989

## **APPENDIX E: LABORATORY REPORTS**

**Not Applicable to This Document**

## **APPENDIX F: OTHER SUPPORTING DOCUMENTATION**

# ASTM E-1527 PHASE I ENVIRONMENTAL SITE ASSESSMENT PRE-SURVEY QUESTIONNAIRE AND DISCLOSURE STATEMENT

**Owner:** Please complete this questionnaire before the Consultant's site visit. For those questions that are not applicable to the subject please respond with an "N/A". This document must be signed by the Owner or his/her representative (Item No. 2). If you have any questions about how to answer any of the questions please call Alpha Environmental Services, Inc. (Alpha). If additional pages for response are necessary please attach them to this form. Clearly mark all references to the appropriate question number(s). This document and your written response to same will be an exhibit in Alpha's report.

## 1. PROPERTY INFORMATION:

Property Name: <b>SW Pacific Highway Lot</b>		
Property Address: <b>17165 SW Pacific Hwy</b>		
City <b>King City</b>	State <b>OR</b>	Zip <b>97224</b>
Assessor's Parcel Number(s): <b>R523339</b>		

## 2. COMPLETED BY

Signature	Date <b>2/18/22</b>
Printed Name  <b>Ian Gallagher</b>	Title  <b>Project Manager</b>

## 3. ASTM-REQUIRED INQUIRIES

Property Owner: Name: <b>Habitat for Humanity Portland Region</b> Phone: <b>503-287-9529</b> Fax:	
Key Site Manager (Site contact): Name: <b>Ian Gallagher</b> Phone: <b>503-715-7537</b> Fax:	
<b>If not residential Property, please provide list of tenants, including contact names and phone numbers.</b>	
Can you provide a Current Title Abstract for the Property, including a chain of Title? If so, please send documents along with completed questionnaire to Alpha.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you have any specialized knowledge that would be material in identifying recognized environmental conditions in connection with the Property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there contamination known or believed to be present on the Property which could reduce the purchase price of the Property to not reflect fair market value.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are you specifically aware of a reduction in the property value due to environmental issues?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Please return completed form and any attachments to:**  
**Casey@AlphaEnvironmental.net**  
**Alpha Environmental Services, 11080 SW Allen Blvd. Ste. 100**  
**Telephone: (503) 849-8237 Fax: (503) 203-1516**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(a.) Do you know the past uses of the property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(b.) Do you know of specific chemicals that are present or once were present at the property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(c.) Do you know of spills or other chemical releases that have taken place at the property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(d.) Do you know of any environmental cleanups that have taken place at the property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Please attach explanation of all affirmative answers.</b>	
8) Please state reason for procuring this Phase 1 ESA: <input type="checkbox"/> Qualify for Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"). <input checked="" type="checkbox"/> Other: (state below) Applying for Oregon LIFT grant funding	

**4. PLEASE PROVIDE A GENERAL SITE DESCRIPTION BY COMPLETING THE FOLLOWING TABLE:**

Legal description/ boundary survey/ plat available (please send to Grant if "yes")	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Total Property Size 1.08 acres	
Total number of buildings no structures	
Total square footage of buildings n/a	
Date of construction n/a	
Dates of significant renovation n/a	
Waste water discharge <input checked="" type="checkbox"/> Municipal Sanitary Sewer <input type="checkbox"/> On-site septic system <input type="checkbox"/> Other	
Potable water source <input checked="" type="checkbox"/> Community Water Supplier <input type="checkbox"/> On-site well <input type="checkbox"/> Other	
Please describe prior use of property, if known:  unknown	



**PREVIOUS INVESTIGATIONS:**

<b>Have any previous environmental investigations been performed at the site?</b>	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>INVESTIGATION TYPE</b>	
<b>If yes, please describe conclusions, and attach copy of report(s)</b>	
<input checked="" type="checkbox"/> Phase 1 ESA	Alpha Environmental, 7/17/2015
<input type="checkbox"/> Phase 2 ESA	
<input type="checkbox"/> Tank Tightness Testing	
<input type="checkbox"/> Asbestos Survey/ O&M	
<input type="checkbox"/> Radon	
<input type="checkbox"/> Lead-based Paint	
<input type="checkbox"/> Lead in Water	
<input type="checkbox"/> Operations & Maintenance Plan(s)	
<input type="checkbox"/> Other	

**5. ON SITE OPERATIONS**

<b>Are you aware of any of the following conditions, either past or present, on the site?</b>		
<b>Condition</b>	<b>Response</b>	<b>If yes, please describe</b>
1. Stored Chemicals	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2. Underground Storage Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Aboveground Storage Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Spills or Releases	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Dump Areas/ Landfills	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
6. Waste Treatment Systems	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
7. Clarifiers/ Separators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
8. Air stacks/ Vents/ Odors	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. Floor Drains/Sumps	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
10. Stained Soil/ Impacted Vegetation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
11. On-site OWNED Electrical Transformers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
12. Hydraulic lifts/ Elevators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
13. Dry Cleaning Operations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Wetlands/ Flooding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
15. Oil/ Gas/ Water/ Monitoring Wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
16. Environmental Cleanups	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
17. Environmental Permits	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If <b>yes</b> , please describe and ATTACH ALL COPIES of permits. Please attach last three waste manifests.
a) Industrial Discharge	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b) POTW (NPDES)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Are you aware of any of the following conditions, either past or present, on the site?		
Condition	Response	If yes, please describe
c) Hazardous Waste Generator	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
d) Air Quality	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
e) Flammable Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
f) Aboveground or Underground Storage Tanks (AST/UST)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
g) Waste Manifest(s)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
h) Other	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

## 6. OFF SITE ENVIRONMENTAL CONCERNS

Are you aware of any of the following conditions, either past or present, Adjacent to the site?		
Condition	Response	If yes, please describe
Gasoline Stations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dry Cleaners	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Industrial Uses	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Other	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

## **APPENDIX G: QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS**

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**Rodolfo Gómez**

*Staff Engineer*

Education: Mechanical and Electrical Engineering Degree, University of Veracruz, Xalapa, Mexico 1990

Relevant Training/Licensing: 2012-13 AHERA Asbestos Building Inspector  
2010 State of Oregon Lead Risk Assessor  
2010 State of Oregon Licensed Well Driller Trainee

Years of Experience: 15

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**Summary of Experience**

Mr. Gomez has seven years of experience as an environmental professional with Alpha. He also possesses an extensive professional background as an engineer that includes training and experiencing in health and safety as well as environmental issues.

Mr. Gomez performs Phase I Environmental Site Assessments, asbestos and lead surveys, hazardous material identification and reporting, and storm water and drywell monitoring of commercial and residential properties. Mr. Gomez has also been involved in management and oversight of underground storage tank cleanup and decommissioning; installation of new aboveground storage tanks; and installation of vapor mitigation systems for Alpha. In addition, Mr. Gomez is licensed as a Lead Based Paint Risk Assessor with the State of Oregon, and as an AHERA Asbestos Building Inspector.

Prior to working with Alpha, Mr. Gomez was previously a Project Coordinator in the ship repair business for J. Ray McDermott, an international manufacturing and repair company, in large scale ship repair, ship conversion and off shore platform module fabrication. Mr. Gomez is currently a member of the Project Management Institute (PMI) and is up to date with the PMI Project Management practices

Mr. Gomez has also extensive managerial experience in the industrial field working for Vallourec Mannesmann Oil & Gas, a French-German seamless steel pipe production company, where he occupied positions as Buyer, Quality Superintendent and Chief of Methods (Engineering) Department in the company's Veracruz Pipe Threading Plant.

Areas of professional expertise also include Quality Assurance/Quality Control (ISO 9000 2000 & ISO 14000 Standards); Total Quality Management strategies implementation; Strategic Planning; Industrial Safety; Testing of Materials and Technical Documents translation Spanish-English-Spanish.