

Phase I Environmental Site Assessment

Greenwater Storage

2111 and 2306 East Valley Highway East and 2005 Cottage Road East

Sumner, Pierce County, Washington

October 7, 2022

Terracon Project No. 81227157



Prepared for:

BrightNight LLC / GREE bn, LLC
Inlet Beach, Florida

Prepared by:

Terracon Consultants, Inc.
Mountlake Terrace, Washington

REVIEW #2
SEPA-2024-0001

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Terracon

Environmental



Facilities



Geotechnical



Materials



October 7, 2022

BrightNight LLC / GREE bn, LLC
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Attn: Ms. Margaret Nolan
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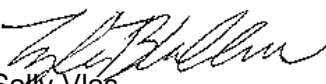
Re: Phase I Environmental Site Assessment
Greenwater Storage
2111 and 2306 East Valley Highway East and 2005 Cottage Road East
Sumner, Pierce County, Washington 98390
Terracon Project No. 81227157

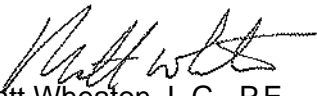
Dear Ms. Nolan:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with Terracon Proposal No. P81227157, dated March 22, 2022.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.


For: Sally Vlas
Field Scientist


Matt Wheaton, L.G., P.E.
Senior Principal


Taylor Blackburn
Project Manager

Attachments



TABLE OF CONTENTS

	Page No.
EXECUTIVE SUMMARY	1
Findings and Opinions	1
Significant Data Gaps	3
Conclusions.....	3
Recommendations	4
1.0 INTRODUCTION.....	5
1.1 Site Description	5
1.2 Scope of Services	5
1.3 Standard of Care.....	6
1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps	6
1.5 Reliance	7
1.6 Client Provided Information.....	8
2.0 PHYSICAL SETTING	8
3.0 HISTORICAL USE INFORMATION	9
3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps	9
3.2 Historical City Directories	10
3.3 Site Ownership.....	11
3.4 Title Search	11
3.5 Environmental Liens and Activity and Use Limitations	11
3.6 Interviews Regarding Current and Historical Site Uses.....	12
3.7 Prior Report Review	12
4.0 RECORDS REVIEW	12
4.1 Federal and State/Tribal Databases	13
4.2 Local Agency Inquiries	19
4.3 Local Area Knowledge	20
5.0 SITE RECONNAISSANCE.....	20
5.1 General Site Information	20
5.2 Overview of Current Site Occupants and Operations.....	20
5.3 Site Observations.....	20
6.0 ADJOINING PROPERTY RECONNAISSANCE.....	22
7.0 ADDITIONAL SERVICES.....	23
8.0 DECLARATION	23

TABLE OF CONTENTS (continued)

APPENDICES

APPENDIX A	Exhibit 1 - Topographic Map, Exhibit 2 - Site Diagram
APPENDIX B	Site Photographs
APPENDIX C	Historical Documentation and User Questionnaire
APPENDIX D	Environmental Database Information
APPENDIX E	Credentials
APPENDIX F	Description of Terms and Acronyms

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. P81227157, dated March 22, 2022, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Taylor Blackburn, Environmental Professional. Sally Vlas performed the site reconnaissance on July 11, 2022.

Findings and Opinions

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site is an approximate 22-acre tract of land located at 2111 and 2306 East Valley Highway East and 2005 Cottage Road East, Sumner, Pierce County, Washington (Pierce County Parcel No. 9520000062 and a portion of parcel nos. 9520000071, 0520072004 and 0520071007). The site currently consists of vacant grassed land, dense scrub vegetation and power lines are present traversing east to west through the site. The parcel to the west of East Valley Highway East (Pierce County Parcel No. 9520000062) is identified as Parcel A. The remaining parcels to the east of East Valley Highway East (Pierce County Parcel Nos. 9520000071, 0520072004 and 0520071007) are identified as Parcel B.

Historical Information

Based on a review of historical information, the site was developed with an unpaved roadway traversing north to south and several single-family residential buildings on Parcel B and a commercial building east-adjacent to East Valley Highway East from at least 1941. By 1957, several of the single-family residential buildings on Parcel B were demolished and by 1958, a single-family residence and an associated outbuilding were constructed on Parcel A. By 1981, Parcel B was cleared, and several unpaved roadways were constructed throughout Parcel B. By 2006, power lines were constructed traversing east to west through Parcel B. By 2009, the commercial building east-adjacent to East Valley Highway East and the remaining single-family residence on Parcel B were demolished. In 2021, the single-family residence and associated outbuilding on Parcel A were demolished.

Adjoining properties historically consisted of the existing East Valley Highway East between Parcels A and B, a commercial building to the north of Parcel A, White River hydroelectric power plant and equipment associated with the power plant to the north of Parcel B, undeveloped land to the east of Parcel B, several single-family residences and an unpaved roadway to the south of Parcel B and undeveloped land followed by railroad tracks to the west

of Parcel A. The existing Cottage Road East, an additional structure to the northeast and the existing commercial building to the north of Parcel B were constructed by 1968. Additionally, the existing substation to the north of Parcel A was constructed by 1968. One of the structures to the northeast of Parcel B is demolished by 1972 and by 2004, the existing commercial building and associated outbuildings to the north of Parcel A were constructed. The existing White River Substation was constructed to the east of Parcel B by 1968. Several structures were constructed to the south of Parcel A by 1957 and by 1972, the existing substation was constructed. By 2006, the land to the southeast of Parcel B was cleared and graded in preparation for development, and by 2009, the existing single-family residential development was constructed and the residential buildings to the southwest of Parcel B were demolished. The west-adjointing undeveloped land and railroad tracks to the west of Parcel A remain to the present.

Records Review

The site, which shares an address with the northwest-adjointing property, owned by Cascade Water Alliance, is located at 2111 East Valley Highway East, and was identified on the Underground Storage Tank (UST), Leaking Underground Storage Tank (LUST), Confirmed and Suspected Contaminated Sites List (CSCSL), Environmental Report Tracking System (ERTS), Facility Registry Service/Facility Index (FINDS/FRS), Independent Cleanup Report (ICR), Facility/Site Identification System (ALLSITES), Resource Conservation and Recovery Act – Non-Generator (RCRA NONGEN) and Spills Incidents Sites (SPILLS) databases. Terracon conducted a file review with the Washington State Department of Ecology (Ecology) to identify former remedial activities conducted at the site. According to a *Site Assessment Report for the Underground Storage Tank Removal* provided by the Washington State Department of Ecology (Ecology), dated December 1, 1995, completed by Golder Associates, two USTs used to store gasoline and diesel associated with the north-adjointing White River Generating Station were located on the western portion of the site to the west of East Valley Highway East (Parcel B). The USTs were installed in 1987 and removed in 1995. The former buildings located on the western portion of Parcel B reportedly operated as a carpenter shop, garage, storage shed and fueling area for the generating station. Based on information provided in an *Environmental Site Characterization and Cleanup Action Report* provided by Ecology, dated January 28, 2008, completed by GeoEngineers, starting in 2005, gasoline-, diesel- and oil-range total petroleum hydrocarbons (TPH) and metals were identified in site soil and groundwater at concentrations exceeding their respective Washington State Model Toxics Control Act (MTCA) Method A cleanup levels. From 2005 through 2007, GeoEngineers completed supplemental site characterization and remedial activities to address on-site contamination. GeoEngineers also identified a former 500-gallon closed in-place UST that was reportedly filled with concrete in the 1980s in the former garage. However, at the time of the remedial excavation, USTs were not encountered.

A total of approximately 2,200 cubic yards of contaminated soil was removed to a maximum depth of six feet below ground surface (bgs) and 104 confirmation soil samples were collected and analyzed for several or all of the following analytes: gasoline-, diesel and oil-range total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, xylenes (BTEX), polycyclic

aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), arsenic and lead. Although analytical results were not identified at concentrations exceeding their respective MTCA Method A cleanup levels at the final limits of the excavation, GeoEngineers did not collect soil samples in the immediate vicinity of the former gasoline and diesel USTs, or groundwater samples in the immediate vicinity or down-gradient of the heating oil UST, the gasoline and diesel USTs or the former UST in the garage. Additionally, based on GeoEngineers report and figures depicting the remedial excavation in the 2008 *Cleanup Action Report*, there are several areas throughout the site where confirmation samples were identified above cleanup levels and the area was 'over excavated' and a final confirmation sample was not collected.

Based on this information, Terracon identifies the potential for residual soil and/or groundwater impacts to be present in the subsurface of the site associated with area-wide metal impacts, the former gasoline and diesel USTs, the former UST in the former garage and the former heating oil UST as Recognized Environmental Conditions (RECs) for the site.

Site Reconnaissance

At the time of the site reconnaissance, the site was vacant grassed land and dense scrub vegetation. Several transmission poles and associated lines were observed at the time of the site reconnaissance. Based on site observations, this feature is not considered a REC.

Adjoining Properties

The site is adjoined to the north by a substation and commercial property, East Valley Highway East, Cascade Water Alliance Sumner, White River Generating Station, undeveloped land, Cottage Road East and equipment associated with the generating station (2110 East Valley Highway East, 2111 East Valley Highway East and 2005 Cottage Road East); to the east by undeveloped land followed by Puget Sound Energy White River Substation (2120 Lakeland Hills); to the south by a single-family residential development, undeveloped land, East Valley Highway East and North Tacoma Meter Station (16003-16225 22nd Street East, 2005 Cottage Road East and 15209 24th Street East); and to the west by undeveloped land followed by railroad tracks. RECs were not identified in association with the adjoining properties.

Significant Data Gaps

Significant data gaps were not identified during this assessment.

Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 at 2111 and 2306 East Valley Highway East and 2005 Cottage Road East, Sumner, Pierce County, Washington, the site. Historical RECs (HRECs) or Controlled RECs (CRECs) were not identified in connection with the site. The following RECs were identified in connection with the site:

- The potential for residual metal impacts to be present in the surficial soil on Parcel B.
- The potential for residual petroleum impacts in groundwater associated with the former gasoline and diesel USTs to be present in the subsurface of the site on Parcel B.
- The potential for residual petroleum impacts in groundwater associated with the former heating oil UST to be present in the subsurface of the site on Parcel B.
- The potential for a release to have occurred and impacted groundwater associated with the former UST in the former garage on Parcel A.

Recommendations

Given the potential for undocumented groundwater impacts to have migrated to Parcel A, which is downgradient of the former UST area on Parcel B, Terracon recommends additional investigation on Parcel A. It is Terracon's understanding that the client will be constructing overhead utility lines on an easement through Parcel B. If proposed development plans on Parcel B include ground disturbance in the vicinity of the documented or suspected impacts associated with the former on-site PSE operations, Terracon recommends that additional investigation be completed in those areas on Parcel B.

1.0 INTRODUCTION

1.1 Site Description

Site Name	Greenwater Storage
Site Location/Address	2111 and 2306 East Valley Highway East and 2005 Cottage Road East, Sumner, Pierce County, Washington (Pierce County Parcel No. 9520000062 and a portion of parcel nos. 9520000071, 0520072004 and 0520071007). The parcel to the west of East Valley Highway East (Parcel No. 9520000062) is identified as Parcel A. The remaining parcels to the east of East Valley Highway East (Parcel Nos. 9520000071, 0520072004 and 0520071007) are identified as Parcel B.
Land Area	Approximately 22 acres
Site Improvements	The site currently consists of vacant grassed land, dense scrub vegetation and transmission lines are present traversing east to west through the site.
Anticipated Future Site Use	Energy storage facility
Reason for the ESA	Due diligence and real estate transaction for future site development

The location of the site is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the 1973 Sumner, Washington USGS 7.5-minute series topographic map. The site and adjoining properties are depicted on the Site Diagram, which is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix F.

1.2 Scope of Services

This Phase I ESA was performed in accordance with Terracon Proposal No. P81227157, dated March 22, 2022, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify Recognized Environmental Condition (RECs) in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.

ASTM E1527-13 contains a new definition of "migrate/migration," which refers to "the movement of hazardous substances or petroleum products in any form, including, for example, solid and

liquid at the surface or subsurface, and vapor in the subsurface.” By including this explicit reference to migration in ASTM E1527-13, the Standard clarifies that the potential for vapor migration should be addressed as part of a Phase I ESA. This Phase I ESA has considered vapor migration in evaluation of RECs associated with the site.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- Terracon attempted to review the reasonably ascertainable standard historical resources regarding the uses of the property back to 1940 or the first developed use, whichever is earlier; however, available information was limited to 1941. The first available record from 1941 indicates that the site was developed with several single-family residential buildings and a commercial building. Therefore, this does not constitute a significant data gap.

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of BrightNight LLC, GREE bn LLC, and BNC DEVCO, LLC. Use or reliance by any other party is prohibited without the written authorization of BrightNight LLC, GREE bn, LLC, BNC DEVCO, LLC and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement. The limitation of liability defined in the Agreement is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

1.6 Client Provided Information

Prior to the site visit the client's representative, Ms. Margaret Nolan, was asked to provide the following user questionnaire information as described in ASTM E1527-13 Section 6.

Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.			X
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			X
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.			X
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.			X
Obvious Indicators of Contamination at the site.			X

Terracon's consideration of the client provided information did not identify RECs. A copy of the questionnaire is included in Appendix C.

2.0 PHYSICAL SETTING

Physical Setting Information		Source
Topography		
Site Elevation	Ranging from approximately 55 to 580 feet National Geodetic Vertical Datum (NGVD)	USGS Topographic Map, Sumner, Washington; 1973 (Appendix A)
Topographic Gradient	Sloping to the west.	
Closest Surface Water	A constructed waterway associated with an energy generation facility located approximately 200 feet northwest of the site.	
Soil Characteristics		
Soil Type	Alderwood gravelly sandy loam	Pierce County, Washington, USDA-NRCS Web Soil Survey, Department of Agriculture NRCS Soil Survey, June 2022
Description	Gravelly sandy loam to very gravelly sandy loam derived from glacial drift.	
Geology/Hydrogeology		

Physical Setting Information		Source
Formation	Vashon till (Qgt)	Geologic Map of the Tacoma Quadrangle, Pierce County, Washington; USGS, 2015
Description	Clay, silt, sand and gravel; gray to brown; unstratified and highly compact.	
Estimated Depth to First Occurrence of Groundwater	Approximately 2.07 to 3.02 feet below ground surface (bgs) in a former on-site monitoring well.	<i>Environmental Site Characterization and Cleanup Action Report</i> , GeoEngineers, January 28, 2008 (see Section 4.1)
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the west).	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify RECs associated with past uses. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps, selected historical aerial photographs (at approximately 10- to 15-year intervals) and historical fire insurance maps produced by the Sanborn Map Company were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps, aerial photographs and Sanborn maps are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from ERIS to evaluate past uses and relevant characteristics of the site and surrounding properties. ERIS provided Sanborn maps as summarized below.

- Topographic map: Sumner, Washington, published in **1956, 1968, 1973** (1:24,000)
- Aerial photograph: ERIS, **1941, 1944, 1957, 1968, 1972, 1981, 1990, 1998, 2004, 2005, 2006, 2009, 2011, 2013, 2015, 2017, 2019, 2020** (1"=500')
- Aerial photograph: Google Earth, **2021** (scale varies)

Historical Maps and Aerial Photographs

Direction	Description
Site	Several single-family residential buildings and an unpaved roadway traversing north to south are present on Parcel B and a commercial building is present immediately adjacent to the east of the Highway and the remainder of the site is undeveloped land (1941-1944); a single-family residence and an associated outbuilding are constructed on Parcel A and several of the single-family residential buildings on Parcel B are demolished (1957-1972); Parcel B is cleared and several unpaved roadways are constructed throughout the site (1981-2005); power lines are constructed traversing east to west through Parcel B (2006); the commercial building adjacent to East Valley Highway East and the remaining single-family residence on Parcel B are demolished (2009-2021)
North	The existing East Valley Highway East is present between Parcels A and B and a commercial building to the north of Parcel A and the existing White River hydroelectric power plant to the northwest of Parcel B are constructed; in addition, equipment associated with the power plant and a structure are present to the northeast of Parcel B (1941-1957); the existing Cottage Road East is constructed and an additional structure is constructed to the northeast of Parcel B, and the existing commercial building to the northwest of Parcel B and the existing substation to the north of Parcel A are constructed (1968); the structure to the northeast of Parcel B is demolished (1972-1998); the existing commercial building and associated outbuildings to the north of Parcel A are constructed (2004-2021)
East	Undeveloped land (1941-1957); the existing White River Substation is constructed to the east of Parcel B (1968-2021)
South	The existing East Valley Highway East and several single-family residential buildings and an unpaved roadway are present to the southwest of Parcel B (1941-1944); several structures to the south of Parcel A are constructed (1957-1968); the existing substation to the south of Parcel A is constructed (1972-2005); the land to the southeast of Parcel B is cleared and graded in preparation for development (2006); the single-family residential buildings to the southwest of Parcel B are demolished and several of the existing single-family residential buildings are constructed to the southeast of Parcel B (2009); the remainder of the existing single-family residential buildings to the southeast of Parcel B are constructed (2011-2021)
West	Undeveloped land followed by railroad tracks to the west of Parcel A (1941-2021)

3.2 Historical City Directories

The Digital Business Directory and Cole city directories used in this study were made available through ERIS (selected years reviewed: 1977 through 2020) and were reviewed at approximate five-year intervals, if readily available. Street listings not available prior to 1977. The current street addresses for the site were identified as 2111 and 2306 East Valley Highway East and 2005 Cottage Road East.

Historical City Directories

Direction	Description
Site	<p>2306 East Valley Highway East: No Listing (1977); M A Doniego (1980-2008); Ma Doniego (1995); Benjamin Doniego (1995-2012); Priscilla Doniego (2012); No Listing (2016-2020)</p> <p>2111 East Valley Highway East: No Listing (1977); Puget Sound Power (1980); Puget Sound Power & Light (1985); Puget Power (1990); Puget Sound Energy Inc (2000-2003); White River Hydro Generating (2016); Cascade Water Alliance Sumner (2016-2020); Veolia North America Bu12130 (2020)</p> <p>2005 Cottage Road East: No Listing (1977-2003); Arrow Transportation (2008); No Listing (2012-2020)</p>
North	<p>2005 Cottage Road East: No Listing (1977-2003); Arrow Transportation (2008); No Listing (2012-2020)</p> <p>2110 East Valley Highway East: No Listing (1977-2000); Gorder's Nursery (2003); Gorder Nursery (2008); Gorder Nursery (2008); No Listing (2012-2016); K J Landscaping (2020)</p> <p>2111 East Valley Highway East: No Listing (1977); Puget Sound Power (1980); Puget Sound Power & Light (1985); Puget Power (1990); Puget Sound Energy Inc (2000-2003); White River Hydro Generating (2016); Cascade Water Alliance Sumner (2016-2020); Veolia North America Bu12130 (2020)</p>
East	<p>2120 Lakeland Hills Way: No Listing (1977-2020)</p>
South	<p>16003-16225 22nd Street East: No Listing (1977-2012); Private Individuals (2016-2020)</p> <p>2005 Cottage Road East: No Listing (1977-2003); Arrow Transportation (2008); No Listing (2012-2020)</p> <p>15209 24th Street East: No Listing (1977-2020)</p>
West	<p>No address</p>

3.3 Site Ownership

Based on a review of information obtained from Pierce County Assessor's records, the current site owner of Parcel A is RJMJ Holdings LLC. Parcel B is owned by Cascade Water Alliance.

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.5 Environmental Liens and Activity and Use Limitations

The ERIS regulatory database report included a review of both Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the site was not listed on the EC or IC databases. Please note that in addition to these federal

and state listings, AULs can be recorded at the county and municipal level that may not be listed in the regulatory database report. Environmental lien and activity and use limitation records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.6 Interviews Regarding Current and Historical Site Uses

The following individual was interviewed regarding the current and historical use of the site.

Interview

Interviewer	Name / Phone #	Title	Date/Time
Sally Vlas	Mr. Scott Stultz / 253-606-1789	Site Owner	July 19, 2022 / 2:00pm
	Mr. Chris Paulucci / 425-453-0934	Owner Representative	July 22, 2022 / 1:30pm

Terracon interviewed Mr. Scott Stultz, owner of Parcel A for approximately 10 years. Mr. Stultz indicated that the western portion of the site has always been occupied by agricultural land and a single-family residence until it was demolished in 2021. He was not aware of any underground storage tanks (USTs), aboveground storage tanks (ASTs) or large spills that have occurred on the site. Mr. Stultz was not aware of any pending or threatened environmental litigation, past environmental litigation, notices of possible violations of environmental laws, notices of possible liability, or notices of potential concerns.

Terracon interviewed Mr. Chris Paulucci, Finance and Administration Manager for Cascade Water Alliance. Mr. Paulucci was not aware of the history of the site or any current or former USTs or ASTs. He indicated that Cascade Water Alliance purchased Parcel B in 2009. Mr. Paulucci was not aware of any pending or threatened environmental litigation, past environmental litigation, notices of possible violations of environmental laws, notices of possible liability, or notices of potential concerns.

3.7 Prior Report Review

Terracon requested the client provide any previous environmental reports they are aware of for the site. Previous reports were not provided by the client to Terracon for review.

4.0 RECORDS REVIEW

Regulatory database information was provided by ERIS, a contract information services company. The purpose of the records review was to identify RECs in connection with the site.

Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated. The scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal Databases

Database	Description	Distance (miles)	Listings
NPL	National Priorities List	1	0
SEMS	Superfund Enterprise Management System List	0.5	0
SEMS ARCHIVE	Superfund Enterprise Management System Archived Site Inventory	0.5	0
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System	0.5	0
CERCLIS NFRAP	CERCLIS – No Further Remedial Action Planned	0.5	0
FED BROWNFIELDS	The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database	0.5	0
RCRA CORRACTS	RCRA Corrective Action Facilities	1.0	0
RCRA TSD	RCRA Non-CORRACTS TSD Facilities	0.5	0
RCRA LQG	Resource Conservation & Recovery Act – Large Quantity Generator	Site and Adjoining Properties	0
RCRA SQG	RCRA – Small Quantity Generator	Site and Adjoining Properties	0
RCRA Non Gen	RCRA Non Generators	Site and Adjoining Properties	2

Database	Description	Distance (miles)	Listings
FED ENG	Federal Engineering Control Sites	Site	0
FED INST	Federal Institutional Controls	Site	0
ERNS	Emergency Response Notification System	Site	0
FINDS/FRS	Facility Registry Service/Facility Index	Site	1

State/Tribal Databases

Database	Description	Distance (miles)	Listings
HSL	Hazardous Sites List	1	0
CSCSL	Confirmed and Suspected Contaminated Sites List	0.5	4
CSCSL NFA	CSCSL No Further Action Sites	0.5	2
SWF/LF	Solid Waste Facility Database	0.5	2
LUST	Leaking Underground Storage Tanks	0.5	3
UST	Underground Storage Tanks	Site and Adjoining Properties	2
INST	Environmental Covenants Institutional Controls	Site	0
VCP	Voluntary Cleanup Program Sites	0.5	1
BROWNFIELD	Brownfield Sites	0.5	0
ALL SITES	Facility/Site Identification System	Site and Adjoining Properties	3
ERTS	Environmental Report Tracking System	Site and Adjoining Properties	4
SPILLS	Spills Incidents Sites	Site and Adjoining Properties	3
SPILLS WATER	Reported Spills to Water	Site and Adjoining Properties	1
ICR	Independent Cleanup Reports	0.5	1
UIC	Underground Injection Control Wells	Site and Adjoining Properties	3

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities are listed in order of proximity to the site. Additional discussion for selected facilities follows the summary table.

Listed Facilities

Facility Name and Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
PSE White River Generating Station 2111 East Valley Highway East	Site	UST, LUST, CSCSL, ERTS, FINDS/FRS, ICR, ALLSITES, RCRA NONGEN, SPILLS	REC, see discussion below
ID P3 2300 East Valley Highway East		UST	Not a REC, see discussion below
North Tacoma Meter Station 15209 24th Street East	Southwest-adjointing / cross-gradient	CSCSL NFA, VCP, TIER 2, ALLSITES, ERTS, ICR, RCRA NONGEN, SPILLS	Not a REC, see discussion below
PSE White River Substation 2120 Lakeland Hills Way	East-adjointing / up-gradient	CSCSL, ICR, ERTS, ALLSITES, SPILLS, TIER 2	Not a REC, see discussion below

PSE White River Generating Station

The site, which shares an address with the northwest-adjointing property, owned by Cascade Water Alliance is located at 2111 East Valley Highway East, and was identified on the Underground Storage Tank (UST), Leaking Underground Storage Tank (LUST), Confirmed and Suspected Contaminated Sites List (CSCSL), Environmental Report Tracking System (ERTS), Facility Registry Service/Facility Index (FINDS/FRS), Independent Cleanup Report (ICR), Facility/Site Identification System (ALLSITES), Resource Conservation and Recovery Act – Non-Generator (RCRA NONGEN) and Spills Incidents Sites (SPILLS) databases. Terracon conducted a file review with the Washington State Department of Ecology (Ecology) to identify former remedial activities conducted at the site. According to a *Site Assessment Report for the Underground Storage Tank Removal*, dated December 1, 1995, completed by Golder Associates, one 500-gallon diesel UST and one 1,000-gallon gasoline UST associated with the northwest-adjointing White River Generating Station were located along East Valley Highway East on Parcel B beneath a former concrete pump island. The USTs were reportedly installed in 1987. However, according to GeoEngineers *Environmental Site Characterization and Cleanup Action Report*, dated January 28, 2008, the former USTs were both 500-gallons and were located beneath a former garage. Terracon infers that GeoEngineers had incorrect information regarding the sizes and location of the USTs and Terracon will therefore be referring to the 1995

Site Assessment Report for details of the former gasoline and diesel USTs, which are discussed further below.

In addition, GeoEngineers also identified a third former 500-gallon closed in-place UST containing diesel or gasoline that was reportedly filled with concrete in the 1980s. A 30-Day Notice Report, dated December 14, 2005, was submitted to remove the UST at the time of GeoEngineers proposed remedial excavation. In a site plan completed by GeoEngineers, the former UST is depicted in the former garage. However, at the time of the remedial excavation, USTs were not encountered. It appears that GeoEngineers had incorrect information regarding this former UST, which was most likely removed in the 1980s rather than closed in-place and likely contained waste oil associated with maintenance activities in the garage. Based on the absence of removal documentation and given that groundwater samples were not collected down-gradient of the former UST during GeoEngineers *Groundwater Compliance Monitoring Summary Report*, dated May 8, 2008, there is the potential that residual groundwater impacts remain in the subsurface in uninvestigated areas of the site. Therefore, the former UST is considered a REC.

According to the 1995 *Site Assessment Report*, in October 1995, the 1,000-gallon gasoline and 500-gallon diesel USTs were removed from the site. Confirmation soil and groundwater samples were collected and analyzed for total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, xylenes (BTEX). Impacts were not identified in soil at concentrations exceeding Washington State Model Toxics Control Act (MTCA) Method A cleanup levels. However, gasoline-range TPH and BTEX were identified in the initial groundwater sample from the excavation at concentrations exceeding their respective MTCA Method A cleanup levels. The excavation was pumped dry and an additional groundwater sample was collected which was not identified at concentrations exceeding MTCA Method A cleanup levels. Following this, Ecology issued a letter, dated March 22, 2004, stating that the release of petroleum products identified at the time of the UST removal no longer poses a threat to human health or the environment and the site was listed as 'Reported Cleaned Up'. It should be noted that the site was not given a No Further Action (NFA) determination because it was not enrolled in Ecology's Voluntary Cleanup Program (VCP). Additionally, regulatory oversight in 2004 was considerably less strict than current regulatory standards of 2022. Furthermore, Ecology only reviewed the 1995 *Site Assessment Report* and if they had current information, they most likely would not have issued the site as cleaned up. During GeoEngineers 2008 *Cleanup Action Report*, approximately 300 cubic yards of contaminated soil were removed from the former gasoline and diesel UST area to a maximum depth of 6 feet below ground surface (bgs). Confirmation soil samples were collected and analyzed for gasoline-, diesel- and oil-range TPH, BTEX, polycyclic aromatic hydrocarbons (PAHs), lead and arsenic. Analytical results were not identified at concentrations exceeding their respective MTCA Method A cleanup levels at the final limits of the excavation. However, GeoEngineers did not collect soil samples in the immediate vicinity of the former USTs and the excavation was limited to 6 feet bgs. Based on this information, the site has not been adequately assessed and there is the potential that residual impacts remain in the subsurface of the site. Furthermore, the location of the groundwater monitoring well installed for the 2008 *Groundwater Compliance Monitoring* events is not appropriately placed in relation to

the actual location of the former USTs and groundwater impacts may be present in the subsurface of the site. Therefore, the former gasoline and diesel USTs are considered a REC.

At the time of the 2008 *Cleanup Action Report*, a 50-gallon heating oil UST was encountered during the remedial excavation along the northern portion of the former carpenter building. Approximately 100 cubic yards of contaminated soil was removed from the heating oil UST excavation and confirmation soil samples were collected and analyzed for diesel- and oil-range TPH, BTEX, PAHs, polychlorinated biphenyls (PCBs), arsenic and lead. Analytical results were not identified at concentrations exceeding their respective MTCA Method A cleanup levels at the final limits of the excavation. However, based on the 2008 *Groundwater Compliance Monitoring Report*, groundwater was not sampled in the immediate vicinity or down-gradient of the heating oil UST. There is the potential that a release associated with this feature has impacted groundwater and residual impacts remain in the subsurface of the site. Therefore, the former heating oil UST is considered a REC.

Approximately 1,800 cubic yards of metal-contaminated soil, assumed to be associated with former sandblasting operations, were excavated from the site. Confirmation soil samples were collected and analyzed for arsenic and lead. In addition, some samples were also analyzed for TPH, volatile organic compounds (VOCs), PCBs and/or PAHs to evaluate potential impacts related to a septic tank and drain field. None of the analytes were detected at concentrations exceeding their respective MTCA Method A cleanup levels. However, based on GeoEngineers analytical data and figures depicting the remedial excavation in the 2008 *Cleanup Action Report*, there are several areas throughout the site where confirmation samples were identified above cleanup levels and the area was 'over excavated' and a final confirmation sample was not collected. Given this information and based on our experience with similar excavation performed at facilities with area-wide impacts, there is the potential that residual soil impacts remain in various areas throughout the site. Therefore, the potential for residual impacted soil to remain throughout the site is considered a REC.

Groundwater was encountered in the excavation at depths ranging from two to three feet bgs. Approximately 271,000 gallons of groundwater was removed from the excavations and disposed of off-site. According to the 2008 *Groundwater Compliance Monitoring Summary Report*, groundwater was collected from four monitoring wells for four consecutive quarters and was analyzed for gasoline-, diesel- and oil-range TPH, BTEX, methyl tert-butyl ether (MTBE), 1,2-dibromoethane (EDC), 1,2-dichloroethane (EDB), PAHs, PCBs and total and dissolved arsenic and lead. Analytical results were not identified at concentrations exceeding their respective MTCA Method A cleanup levels.

Based on the four quarters of groundwater monitoring and the remedial activities conducted at the site, GeoEngineers did not recommend further investigation. However, Terracon does not concur and identifies the potential for residual soil and/or groundwater associated with area-wide metal impacts, the former gasoline and diesel USTs, the former UST in the former garage and the former heating oil UST as RECs for the site.

ID P3

This facility, identified at 2300 East Valley Highway East, plots to the western portion of the site where the former single-family residence was located and was identified on the UST database. However, the exact location of the UST, and whether or not it is indeed within site boundaries, is unknown. According to the regulatory report, the 5,000- to 9,999-gallon diesel UST was installed in 1964 and removed in 2019. Terracon requested records for the UST from Ecology. However, at the issuance of this report, a response has not been received. Given that the facility was not identified on databases indicative of a release (e.g., CSCSL, LUST), it does not appear likely that a release has occurred in association with this listing. Therefore, ID P3 is not considered a REC.

North Tacoma Meter Station

The southwest-adjointing property was identified on the CSCSL No Further Action (CSCSL NFA), Voluntary Cleanup Program (VCP), Tier 2 Report (TIER 2), Environmental Report Tracking System (ERTS), ALLSITES, ICR, RCRA NONGEN and SPILLS databases. According to the regulatory report, a release of metals and arsenic to soil associated with faulty natural gas equipment at the meter station was identified at concentrations exceeding MTCA Method A cleanup levels. Approximately 171 tons of impacted soil was excavated from the property. Groundwater was not encountered at the time of excavation to a maximum depth of 3 feet bgs. Ecology issued an NFA determination for the facility, dated April 24, 2012. Based on confirmation analytical data, it does not appear likely this release has impacted the subsurface of the site. Therefore, North Tacoma Meter Station is not considered a REC.

PSE White River Substation

The east-adjointing property was identified on the CSCSL, ICR, ALLSITES, ERTS, SPILLS and TIER 2 databases. According to the regulatory report, a release of mineral oil associated with the substation was identified in soil and suspected in groundwater in 2009. The property is reportedly awaiting cleanup and further information as not identified. Terracon requested records from Ecology regarding cleanup activities. However, at the issuance of this report, a response from this agency was not received. Based on distance of the nearest transformer equipment to the site (approximately 200 feet), it does not appear likely that a release in associated with this facility would have impacted the site. Therefore, this facility is not considered a REC.

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed one facility in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, this facility was not identified as the site or adjacent properties. This facility is listed in the database report in Appendix D.

4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
City of Sumner Building Department / Online	The City Clerk with City of Sumner provided building department records that included a letter, dated November 16, 2020, regarding the proposed demolition of the former single-family residence and associated outbuildings at 2306 East Valley Highway East. RECs were not identified in the records reviewed. Provided documents are included in Appendix C.
City of Sumner Fire Department / Online	The City Clerk with City of Sumner did not identify records regarding hazardous substances or underground or aboveground storage tanks associated with the site.
Tacoma-Pierce County Health Department (TPCHD) / Online	The TPCHD provided a construction drawing, dated April 2, 2021, of the westernmost parcel of the site, addressed at 2306 East Valley Highway East, that identified a decommissioned septic tank and a decommissioned shallow well directly west and south-southeast of the former residence, respectively. In addition, a Septic Tank Decommissioning Certificate, dated November 26, 2008, identified that a former 1,000-gallon septic tank associated with 2005 Cottage Road East was decommissioned. The precise location of the former residence was not identified, however, based on the provided figure, it appears to be located on the north-adjointing parent parcel. Based on the nature of these records, the former septic tanks are not considered a REC. Provided documents are included in Appendix C.
Pierce County Assessor / Online	Pierce County Assessor provided property cards, dated 2022, for each site parcel that identified the size, improvements and value of the land. In addition, several photos and a site plan of the former on-site single-family residence on the westernmost parcel, addressed at 2306 East Valley Highway East, were provided that identified the former residence was constructed in 1958 and was heated via electric baseboard heating units. At the time of Terracon's site reconnaissance, the on-site residence had been demolished. RECs were not identified in the records reviewed. Provided documents are included in Appendix C.
Department of Ecology / Email	A representative with Ecology provided two ERTS report for 2111 East Valley Highway East, dated 2005 and 2011. The 2005 ERTS report was associated with the leaking USTs (discussed further in Section 4.1). The 2011 ERTS report was associated with a diesel spill from a generator associated with the White River Generating Plant on the parent parcel and did not occur on the site. Ecology did not identify ERTS associated with the remaining site addresses. RECs were not identified in the records reviewed. Provided documents are included in Appendix C.

4.3 Local Area Knowledge

Based on a review of Ecology’s online Tacoma Smelter Plume Map, the western portion of the site, to the west of East Valley Highway East, is mapped in an area with possible arsenic in surficial soil at concentrations estimated to be below 20 milligrams per kilogram (mg/kg), which is at or below Washington State’s MTCA Method A Soil Cleanup Level for arsenic. Therefore, based on the anticipated arsenic concentrations in soil below MTCA cleanup levels, the Tacoma Smelter Plume impacts are not considered a REC.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. The site and adjoining properties are depicted on the Site Diagram, which is included in Exhibit 2 of Appendix A. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

General Site Information

Site Reconnaissance	
Field Personnel	Sally Vlas
Reconnaissance Date	July 11, 2022
Weather Conditions	Sunny, approximately 65 degrees Fahrenheit
Site Contact/Title	Roger Buck / Operations and Maintenance Supervisor

5.2 Overview of Current Site Occupants and Operations

The site is currently vacant grassed land and dense scrub vegetation. The site is occupied by transmission lines traversing east to west through the site associated with the east-adjointing substation.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an “X”) are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
Oil, gas or mineral production		
Other processes or equipment		
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS or SDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/PCBs	Transformers and/or capacitors	
	Other equipment	X

Category	Item or Feature	Observed or Identified
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free-floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	

Electrical Transformers/ PCBs

Other equipment

During Terracon's site visit, several transmission lines, owned and serviced by Puget Sound Energy (PSE), were observed traversing east to west through the site and across East Valley Highway East to the western portion of the site. Transformers were not observed at the time of the site reconnaissance.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	A substation and commercial property, East Valley Highway East, Cascade Water Alliance Sumner, White River Generating Station, undeveloped land, Cottage Road East and equipment associated with the generating station (2110 East Valley Highway East, 2111 East Valley Highway East and 2005 Cottage Road East)
East	Undeveloped land followed by Puget Sound Energy White River Substation (2120 Lakeland Hills)

Direction	Description
South	A single-family residential development, undeveloped land, East Valley Highway East and North Tacoma Meter Station (16003-16225 22nd Street East, 2005 Cottage Road East and 15209 24th Street East)
West	Undeveloped land followed by railroad tracks

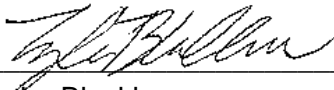
RECs were not observed with the adjoining properties.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

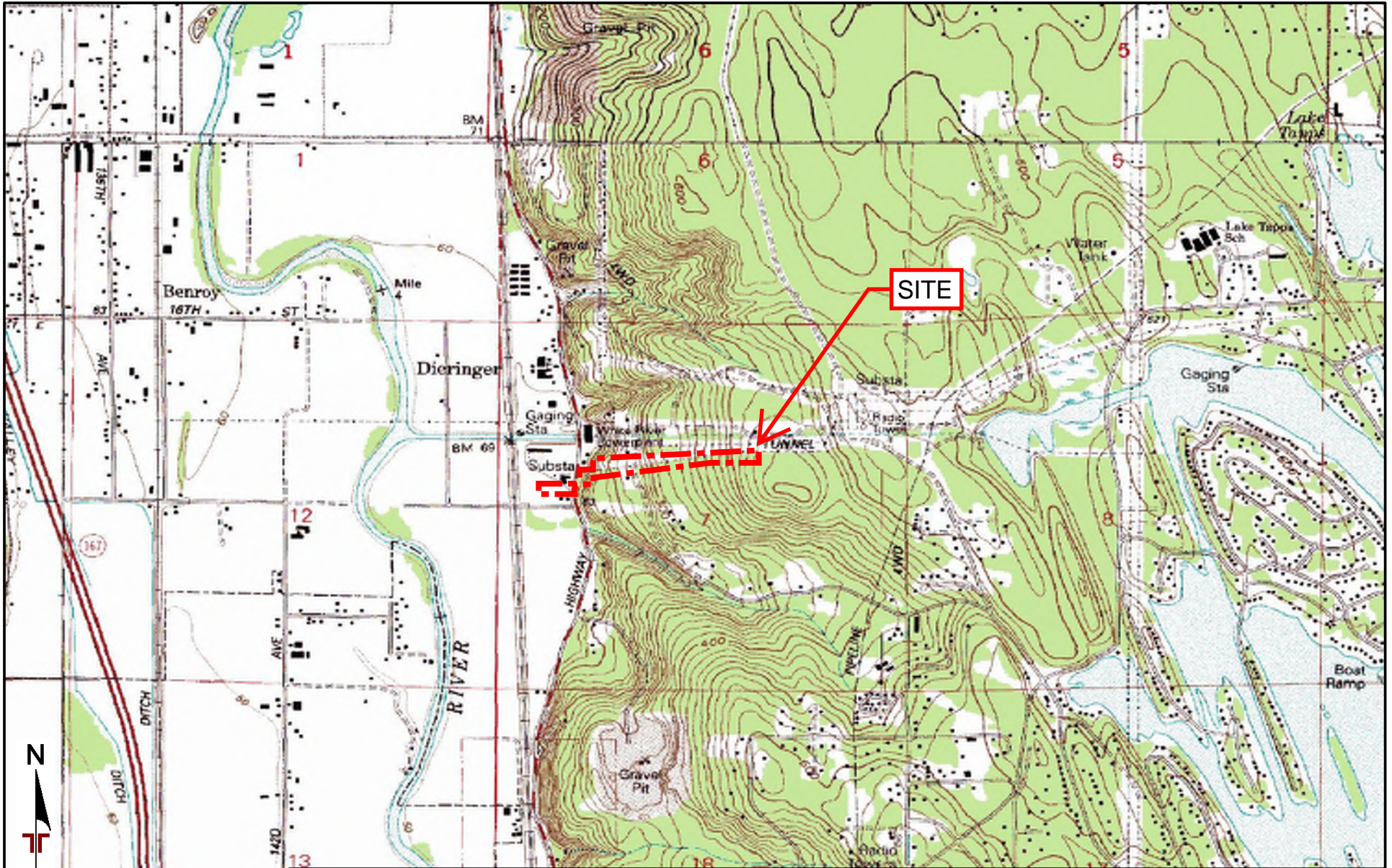
8.0 DECLARATION

I, Taylor Blackburn, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 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 site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Taylor Blackburn
 Project Manager

APPENDIX A
EXHIBIT 1 – TOPOGRAPHIC MAP
EXHIBIT 2 – SITE DIAGRAM



SITE



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY QUADRANGLES INCLUDE: .

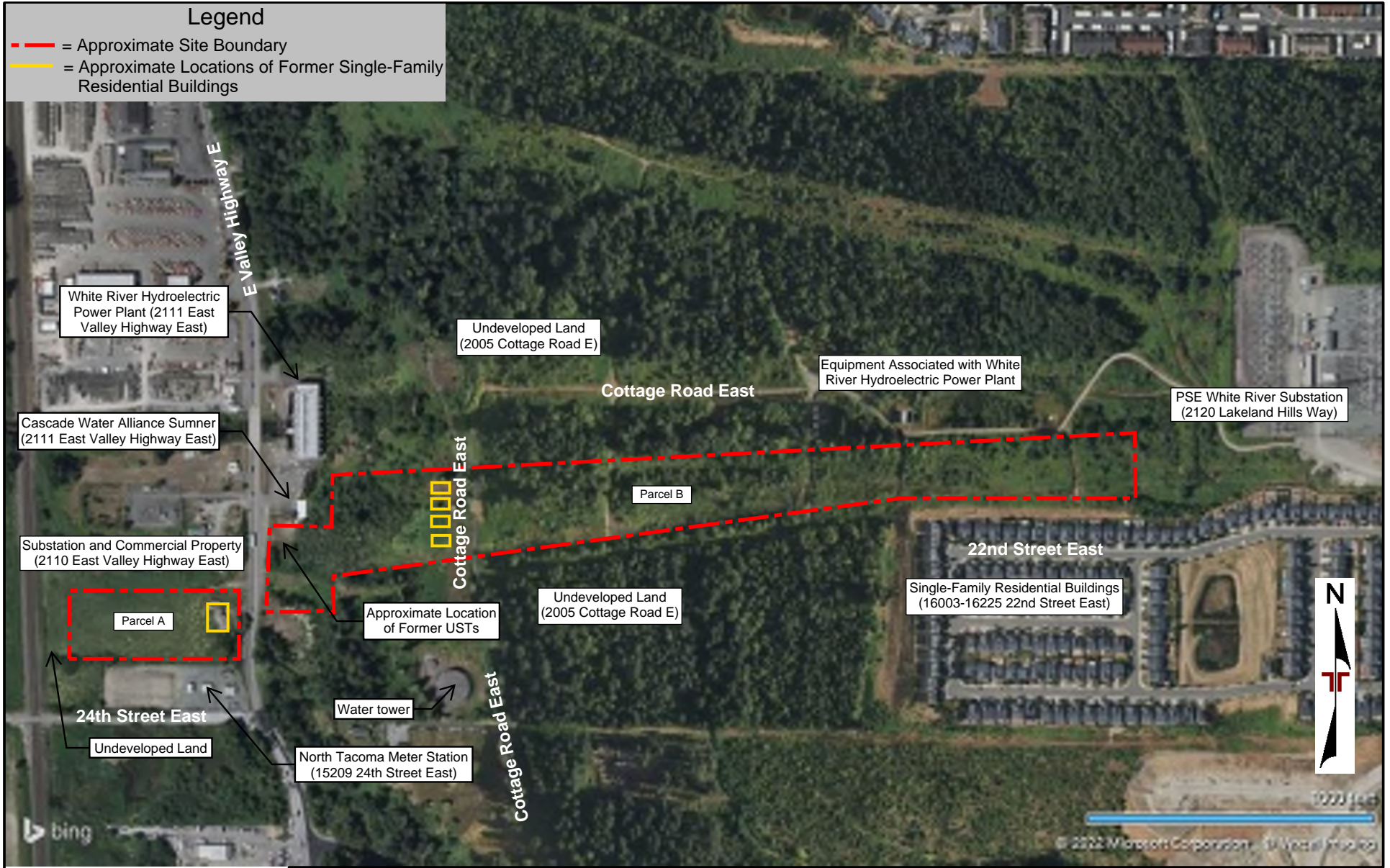
DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Manager: TRB	Project No: 81227157
Drawn by: S.JV	Scale: 1"=2,000'
Checked by: TRB	File Name:
Approved by: MYW	Date: JUNE 2022

Terracon
 21905 64th Ave W, Ste 100
 Mountlake Terrace, WA 98043-2251

TOPOGRAPHIC MAP
 Greenwater Storage - Phase I ESA
 2306 East Valley Highway E
 Sumner, Pierce County, Washington

Exhibit
 1



AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Manager: TRB
 Drawn by: SJV
 Checked by: TRB
 Approved by: MYW

Project No. 81227157
 Scale: AS SHOWN
 File Name:
 Date: JUNE 2022

Terracon

21905 64th Ave W, Ste 100
 Mountlake Terrace, WA 98043-2251

SITE DIAGRAM

Greenwater Storage - Phase I ESA
 2306 East Valley Highway E
 Sumner, Pierce County, Washington

Exhibit

2

APPENDIX B
SITE PHOTOGRAPHS



Photo 1 View of the central portion of the site (Parcel B) from Cottage Road East facing east.



Photo 2 View of Cottage Road East traversing north to south through the central portion of the site (Parcel B) facing south.



Photo 3 View of the eastern portion of the site (Parcel B) from an access road on the eastern portion of the site facing north.



Photo 4 View of the western portion of the site (Parcel B) and the approximate location of the former gasoline/diesel USTs (see red arrow) from the north-adjointing property facing south.



Photo 5 View of the western portion of the site (Parcel A) from East Valley Highway East facing west.



Photo 6 View of the location of the former single-family residence on the western portion of the site (Parcel A) facing southeast.



Photo 7 View of the north-adjointing undeveloped parent parcel (2005 Cottage Rd E), located north of Parcel B, from the north-adjointing parent parcel facing west.



Photo 8 View of the northwest-adjointing White River Hydroelectric Power Plant (2111 East Valley Highway East), located northwest of Parcel B, from the northwest-adjointing property facing north.



Photo 9 View of the northwest-adjointing Cascade Water Alliance office building (2111 East Valley Hwy East), located northwest of Parcel B, facing northeast.



Photo 10 View of the east-adjointing White River Substation (2120 Lakeland Hills Way), located east of Parcel B, from the east-adjointing property facing north.



Photo 11 View of the southeast-adjointing single-family residential development (16003-16225 22nd St. E), southeast of Parcel B, from 22nd Street East facing northwest.



Photo 12 View of the southwest-adjointing undeveloped parent parcel and Cottage Road East (2005 Cottage Road East), located to the southwest of Parcel B, from Cottage Road East facing north.



Photo 13 View of the southwest-adjointing North Tacoma Meter Station (15209 24th Street E), located to the south of Parcel A, from 24th Street East facing north.



Photo 14 View of the west-adjointing undeveloped land followed by railroad tracks, located to the west of Parcel A from the western portion of the site facing west.

APPENDIX C
HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE

Client/User Required Questionnaire



Person Completing Questionnaire	Name: Margaret Nolan Company: BrightNight	Phone: 773-392-7423 Email: margaret@brightnightpower.com
Site Name	Greenwater Storage	
Site Address	2120 Lakeland Hills Way, Sumner, WA 98390	
Point of Contact for Access	Name: Scott Stultz Company: Independent Landowner	Phone: 253-606-1789 Email: scott@grndup.com
Access Restrictions or Special Site Requirements?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, please explain)	
Confidentiality Requirements?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, please explain)	
Current Site Owner	Name: Scott Stultz Company: Independent Landowner	Phone: 253-606-1789 Email: scott@grndup.com
Current Site Operator	Name: N/A, lot is vacant Company: N/A	Phone: N/A Email: N/A
Reasons for ESA (e.g., financing, acquisition, lease, etc.)	Permitting requirement to site a Battery Energy Storage System (BESS).	
Anticipated Future Site Use	Battery Energy Storage System (BESS)	
Relevant Documents?	Please provide Terracon copies of prior Phase I or II ESAs, Asbestos Surveys, Environmental Permits or Audit documents, Underground Storage Tank documents, Geotechnical Investigations, Site Surveys, Diagrams or Maps, or other relevant reports or documents. N/A	
ASTM User Questionnaire		
In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must respond to the following questions. Failure to provide this information to the environmental professional may result in significant data gaps, which may limit our ability to identify recognized environmental conditions resulting in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of their actual knowledge.		
1) Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law (40 CFR 312.25)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)		
2) Did a search of recorded land title records (or judicial records where appropriate) identify any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state, or local law (40 CFR 312.26)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)		
3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below)		
4) Do you have actual knowledge of a lower purchase price because contamination is known or believed to be present at the site (40 CFR 312.29)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Not applicable (If yes or Not applicable, explain below)		
5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below)		
6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of contamination at the site (40 CFR 312.31)? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, explain below)		
Comments or explanations: The above information pertains to the parcel that would hold the BESS, APN 9520000062.		

Please return this form with the signed authorization to proceed.

Proposal No. P81227157



FIRE
INSURANCE
MAPS

Project Property: Greenwater Storage
2306 East Valley Highway E
Sumner WA 98390

Project No: 81227157

Requested By: Terracon

Order No: 22052400974

Date Completed: May 25, 2022

Please note that no information was found for your site or adjacent properties.



HISTORICAL AERIALS

Project Property:Greenwater Storage

2306 East Valley Highway E
Sumner Washington 98390

Project No.: 81227157

Requested By: Terracon

Order No: 22052400974

Date Completed:May 26,2022

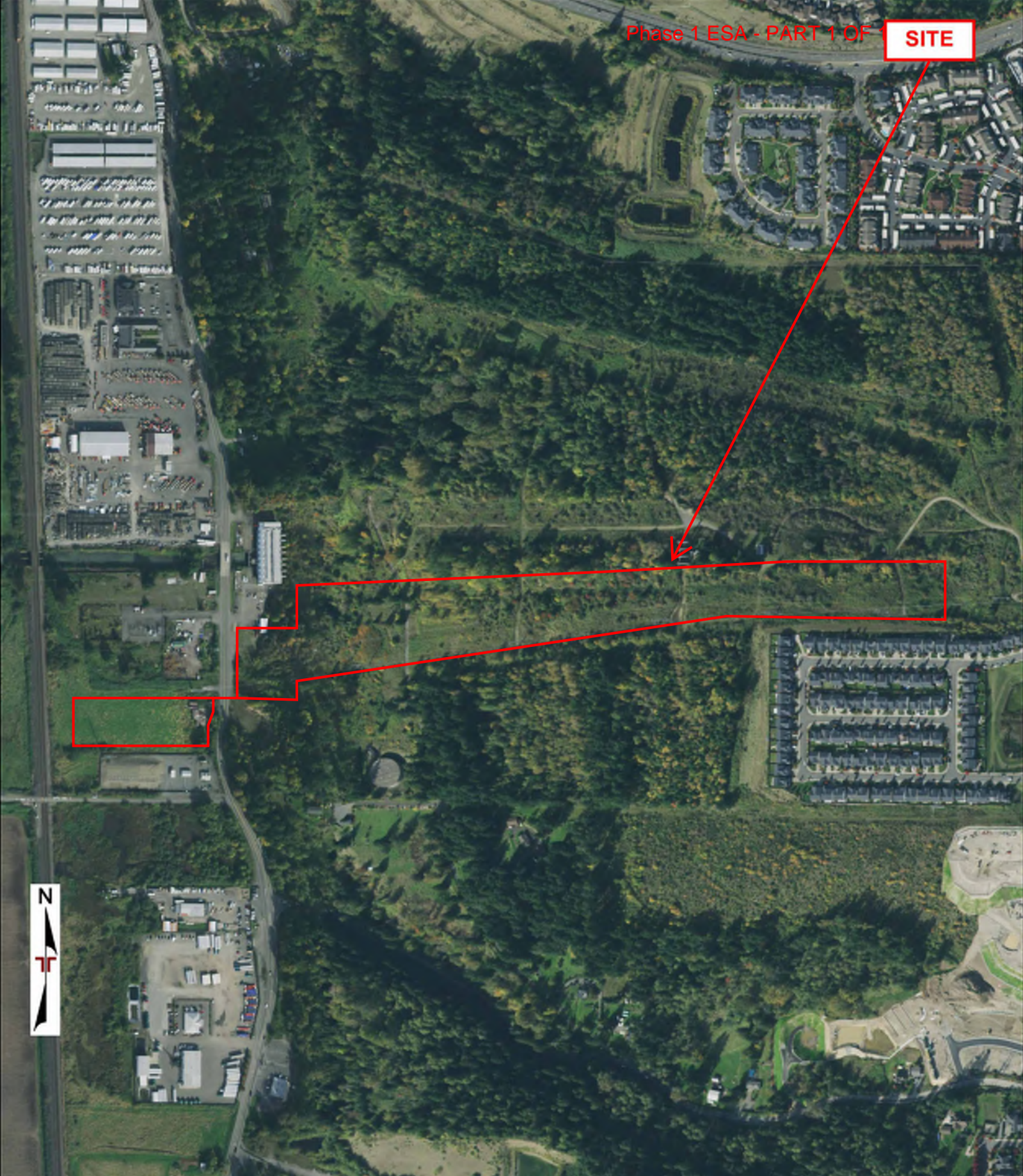
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Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2020	United States Department of Agriculture	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
1998	United States Geological Survey	1" = 500'	
1990	United States Geological Survey	1" = 500'	
1981	United States Geological Survey	1" = 500'	
1972	National Aeronautics And Space Admin	1" = 500'	
1968	United States Geological Survey	1" = 500'	
1957	Army Mapping Service	1" = 500'	
1944	Army Corps of Engineers	1" = 500'	
1941	United States Geological Survey	1" = 500'	



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

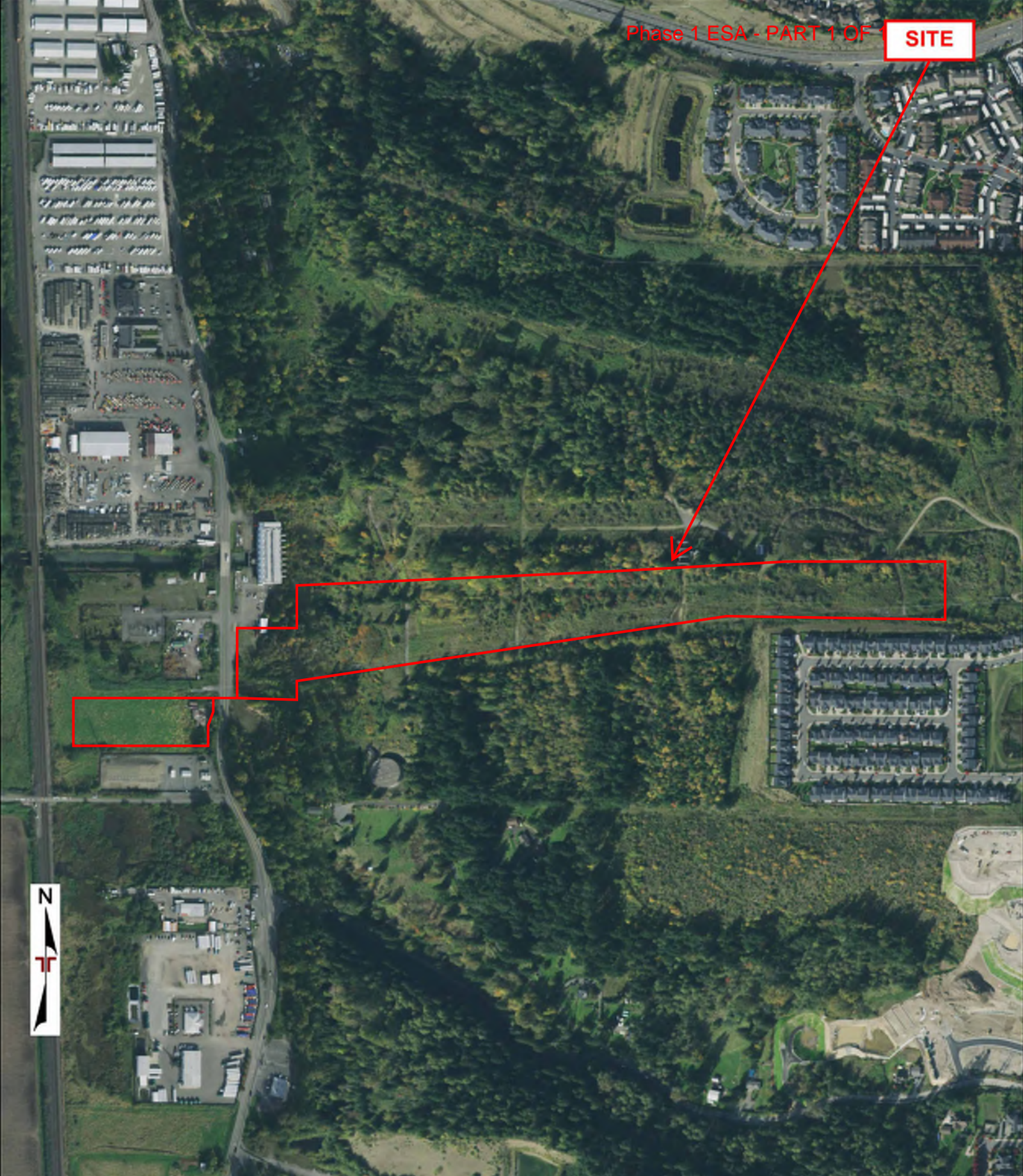
Terracon
 21905 64th Ave W Suite 100
 Mountlake Terrace, Washington 98043

AERIAL PHOTO (2020 - USDA)

Greenwater Storage
 2306 East Valley Highway E
 Sumner, Washington 98390

Appendix

C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon

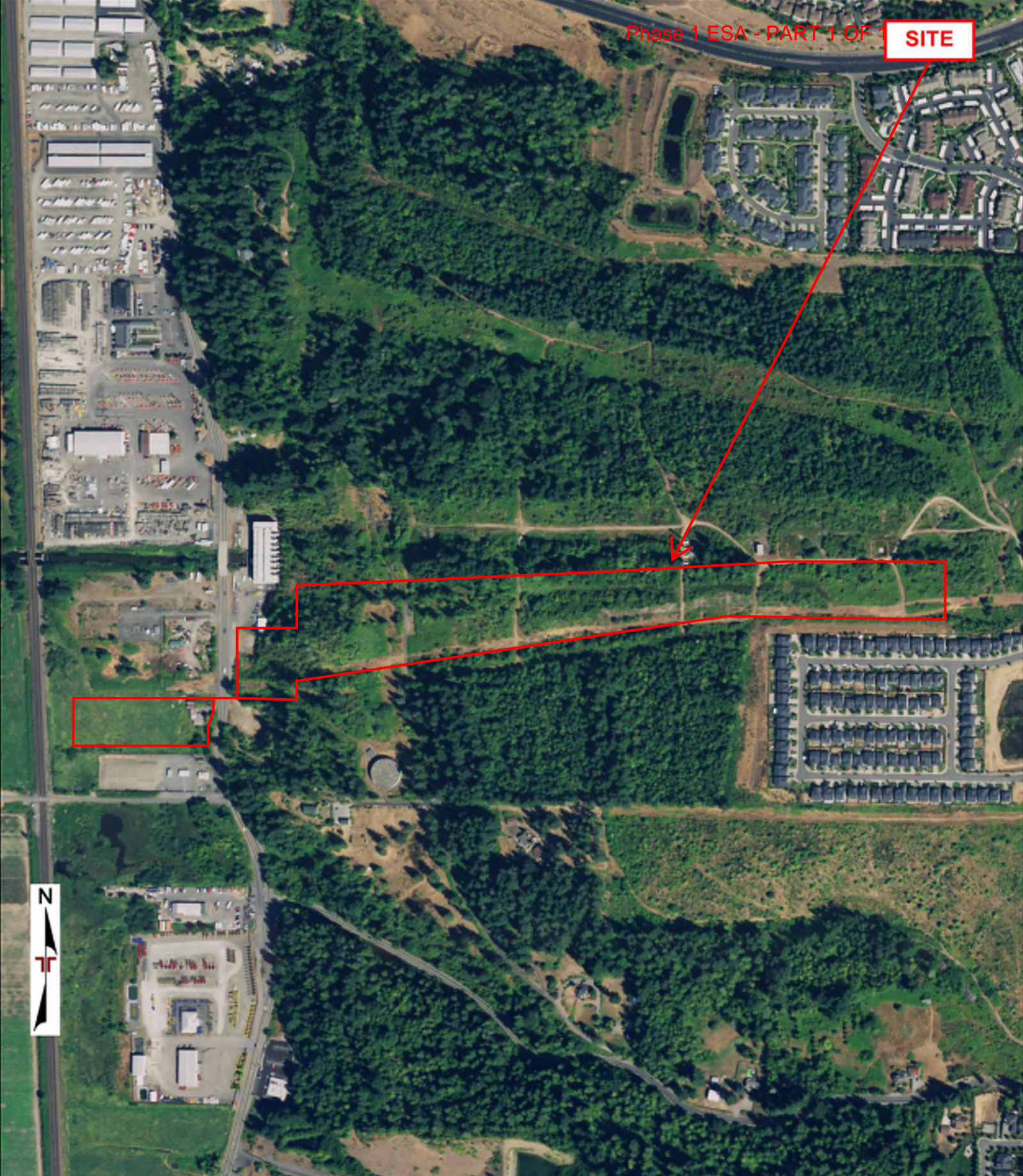
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (2019 - USDA)

Greenwater Storage
2306 East Valley Highway E
Sumner, Washington 98390

Appendix

C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon

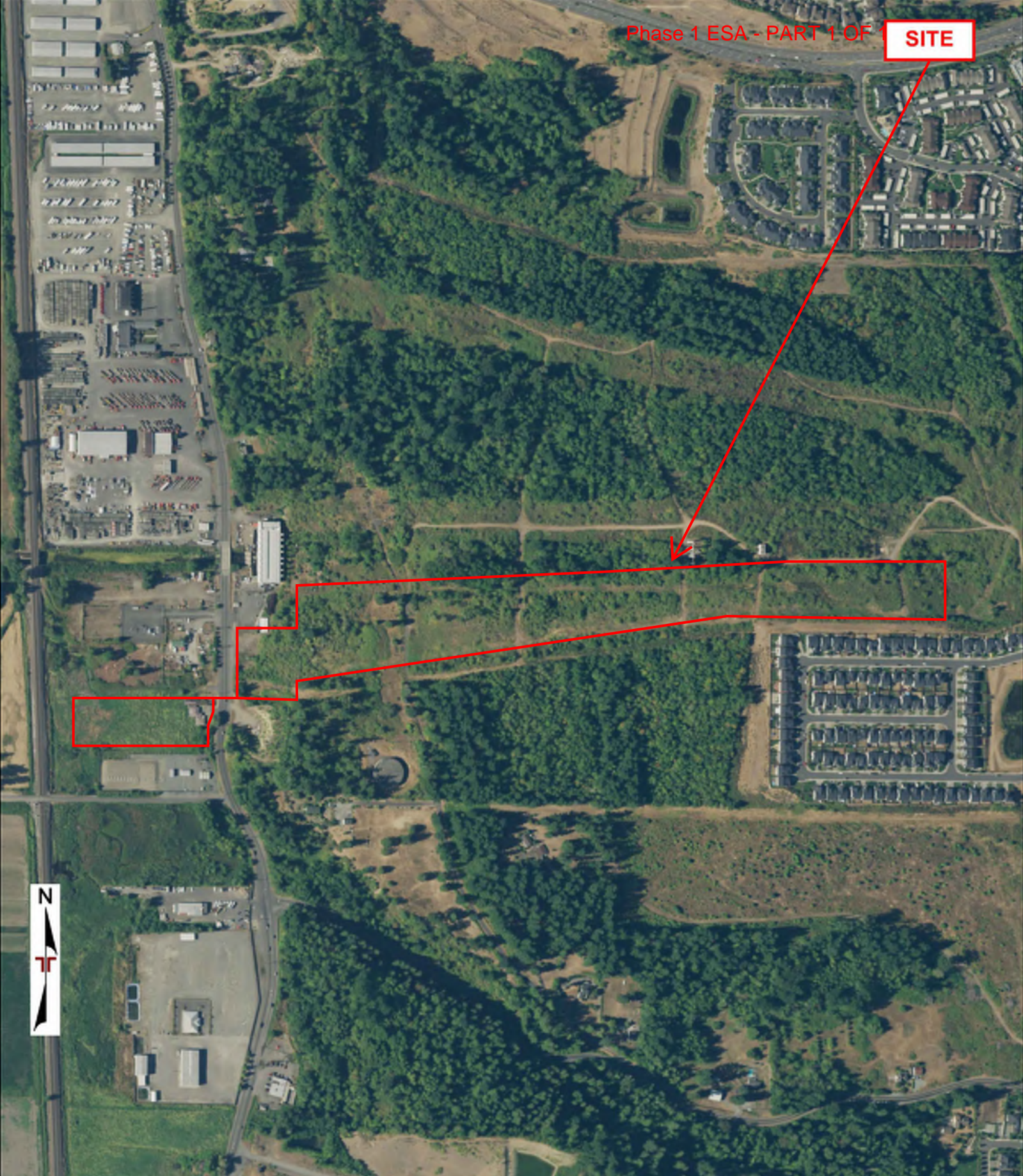
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (2017 - USDA)

Greenwater Storage
2306 East Valley Highway E
Sumner, Washington 98390

Appendix

C

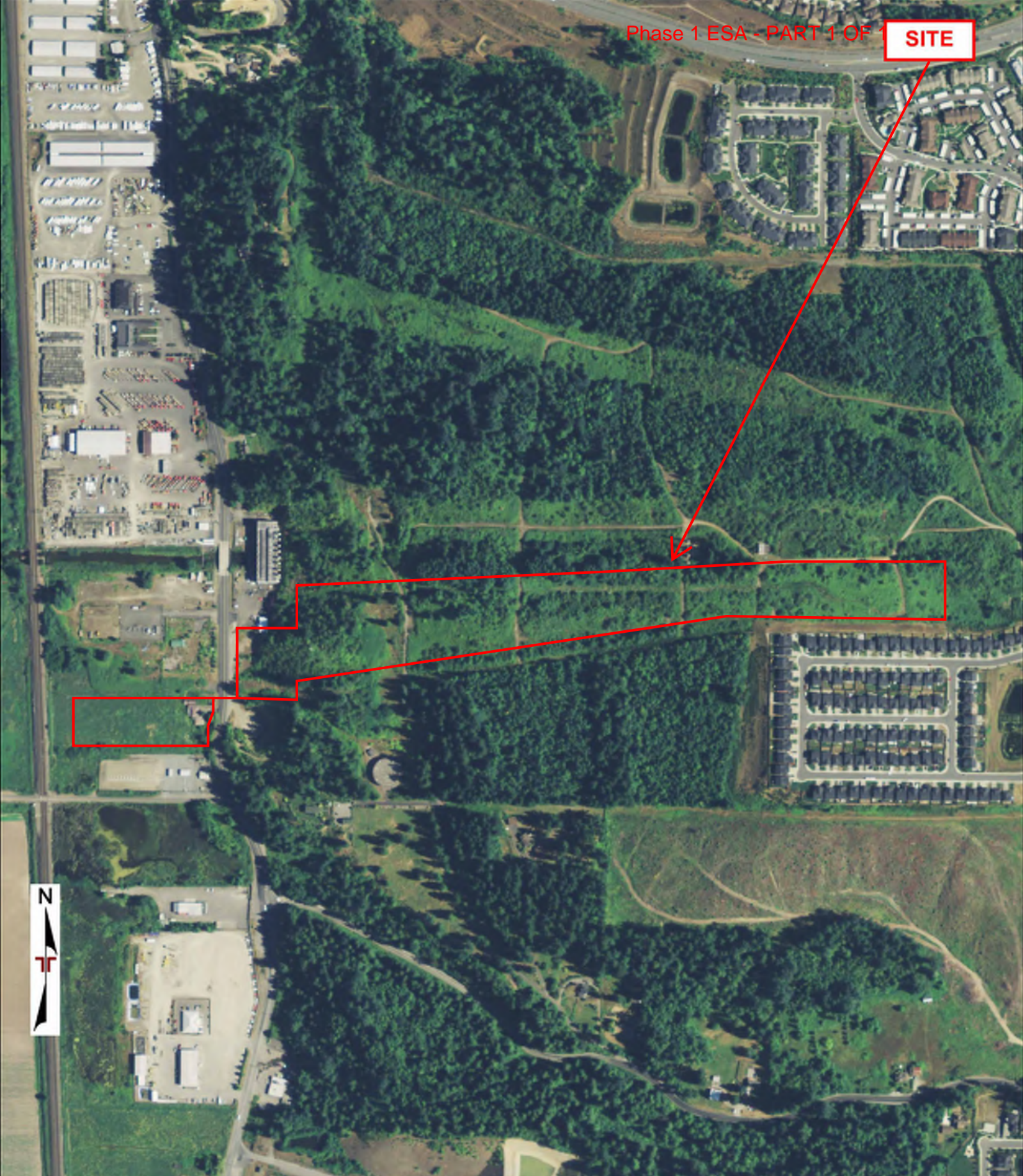


Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (2015 - USDA)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C



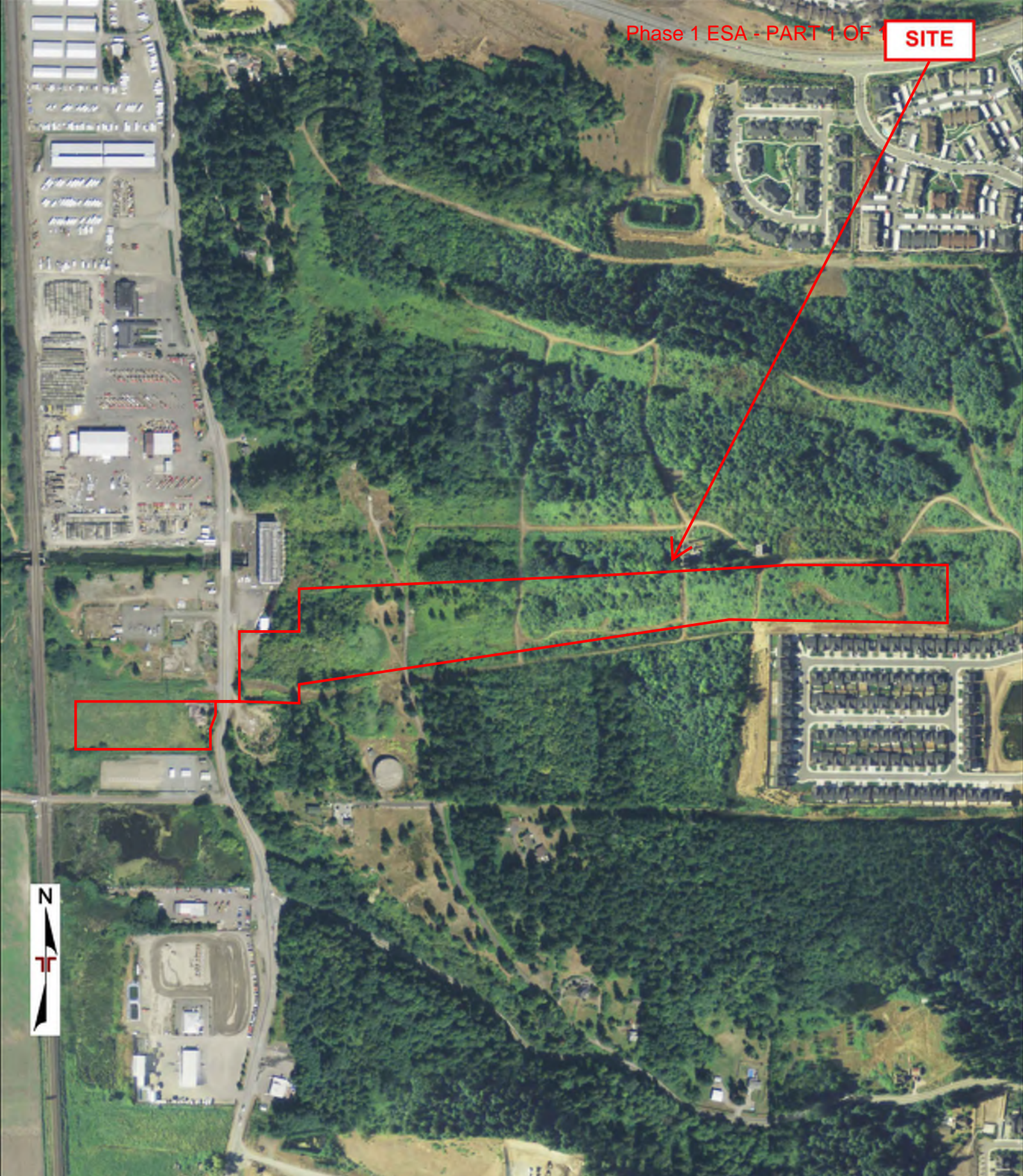
Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (2013 - USDA)

Greenwater Storage
2306 East Valley Highway E
Sumner, Washington 98390

Appendix
C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

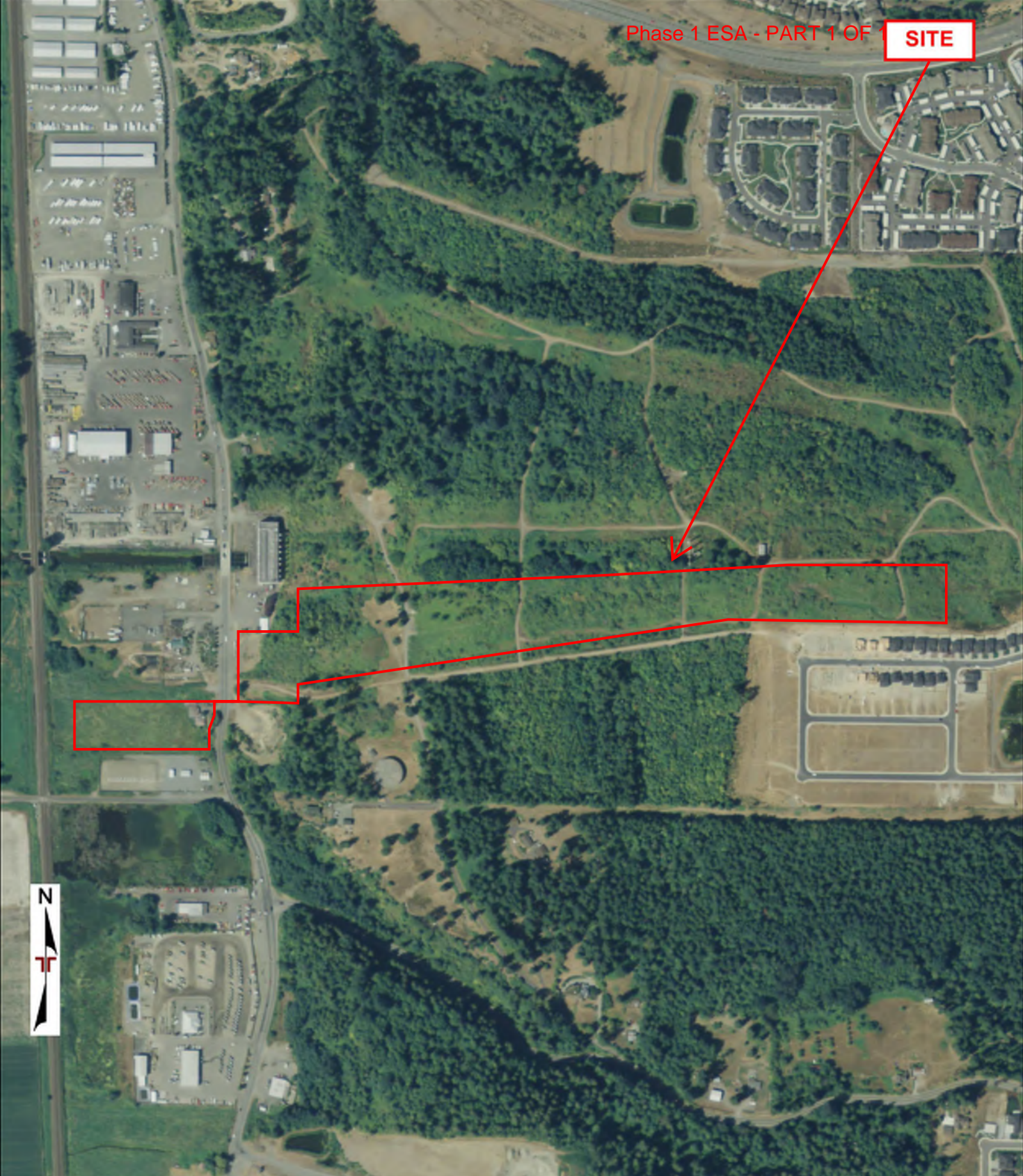
Terracon
 21905 64th Ave W Suite 100
 Mountlake Terrace, Washington 98043

AERIAL PHOTO (2011 - USDA)

Greenwater Storage
 2306 East Valley Highway E
 Sumner, Washington 98390

Appendix

C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
 21905 64th Ave W Suite 100
 Mountlake Terrace, Washington 98043

AERIAL PHOTO (2009 - USDA)

Greenwater Storage
 2306 East Valley Highway E
 Sumner, Washington 98390

Appendix

C

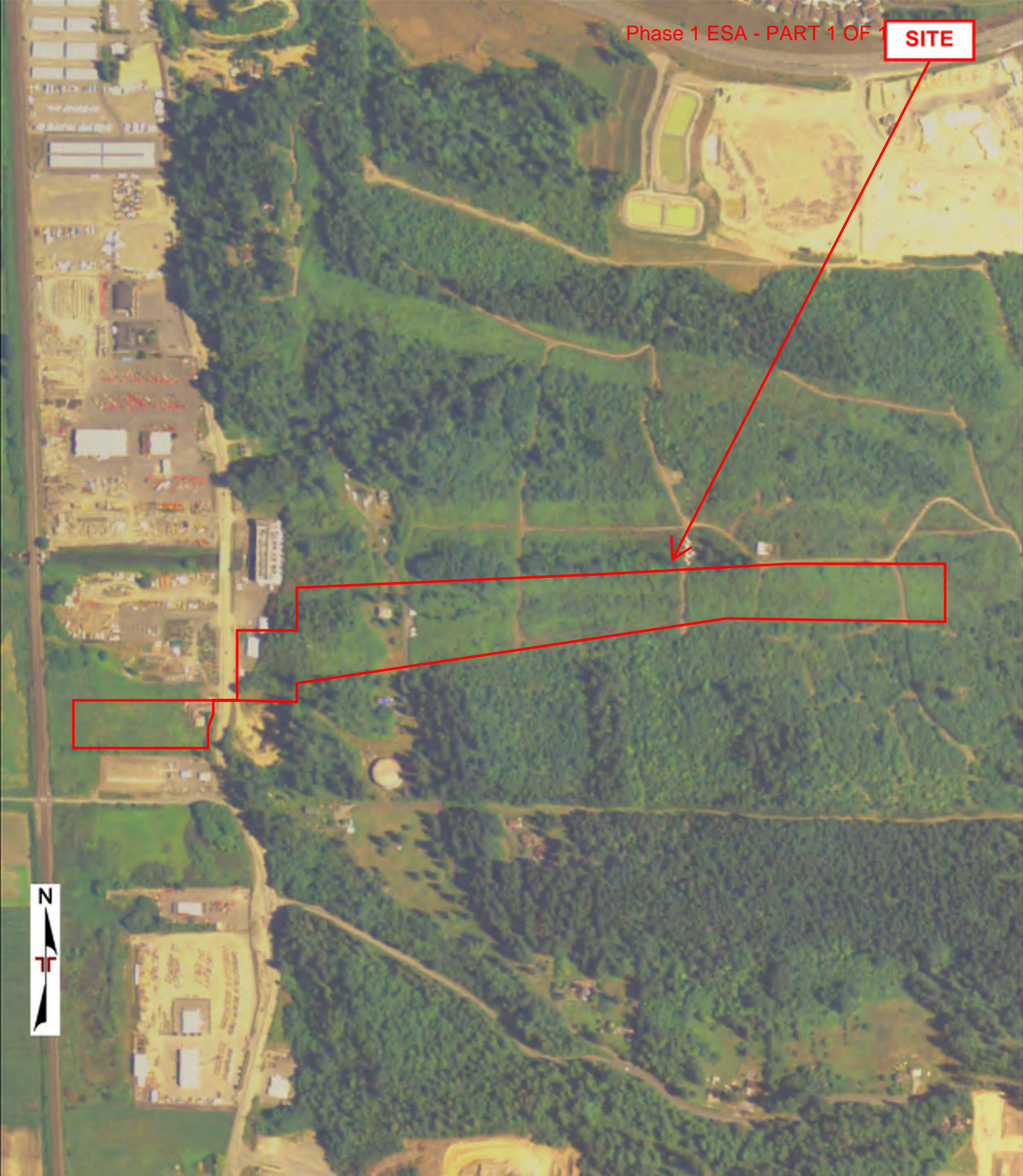


Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (2006 - USDA)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
 21905 64th Ave W Suite 100
 Mountlake Terrace, Washington 98043

AERIAL PHOTO (2005 - USDA)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C

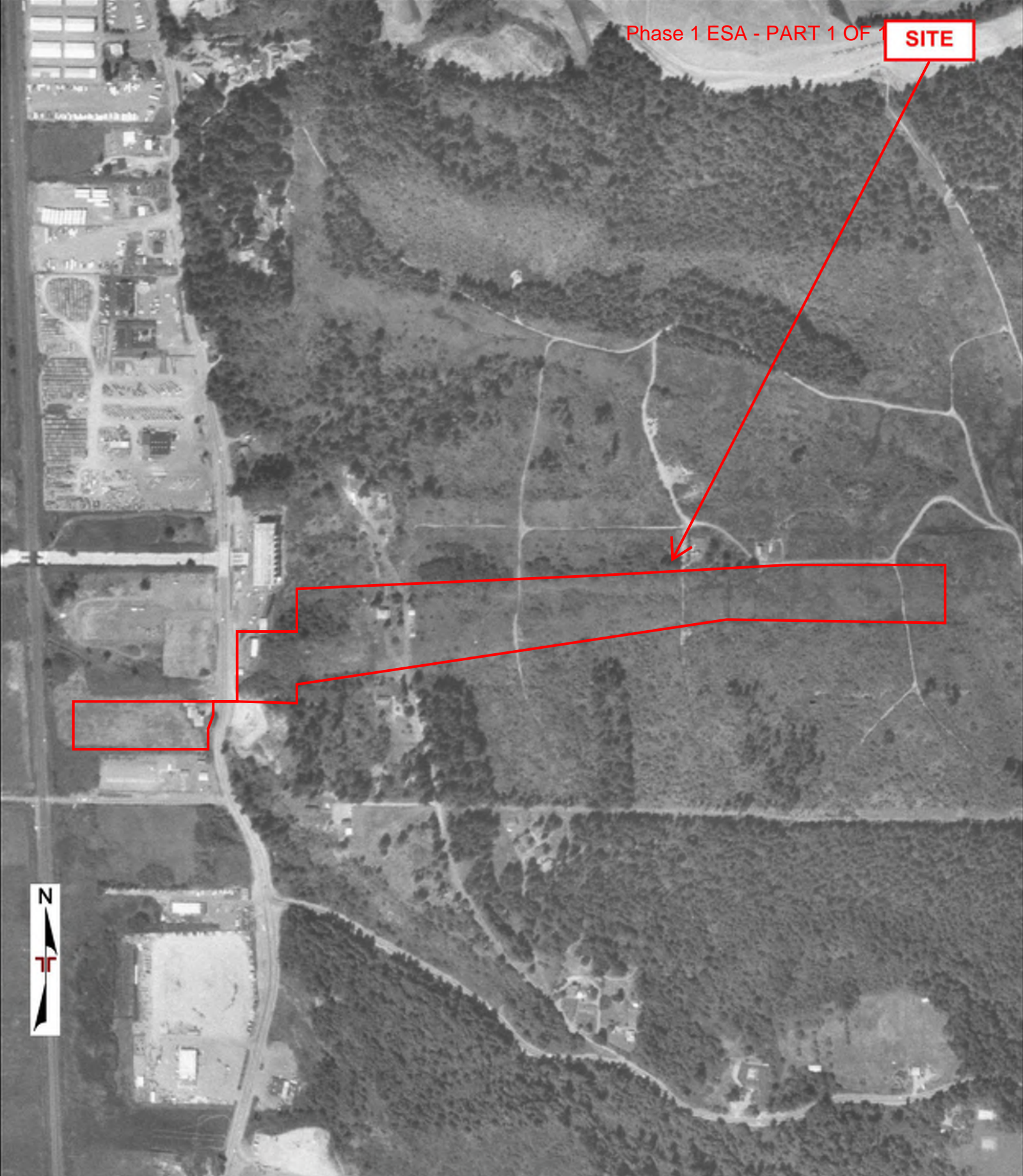


Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (2004 - USDA)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (1998 - USGS)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (1990 - USGS)	Appendix
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390	C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
 21905 64th Ave W Suite 100
 Mountlake Terrace, Washington 98043

AERIAL PHOTO (1981 - USGS)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C

SITE



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

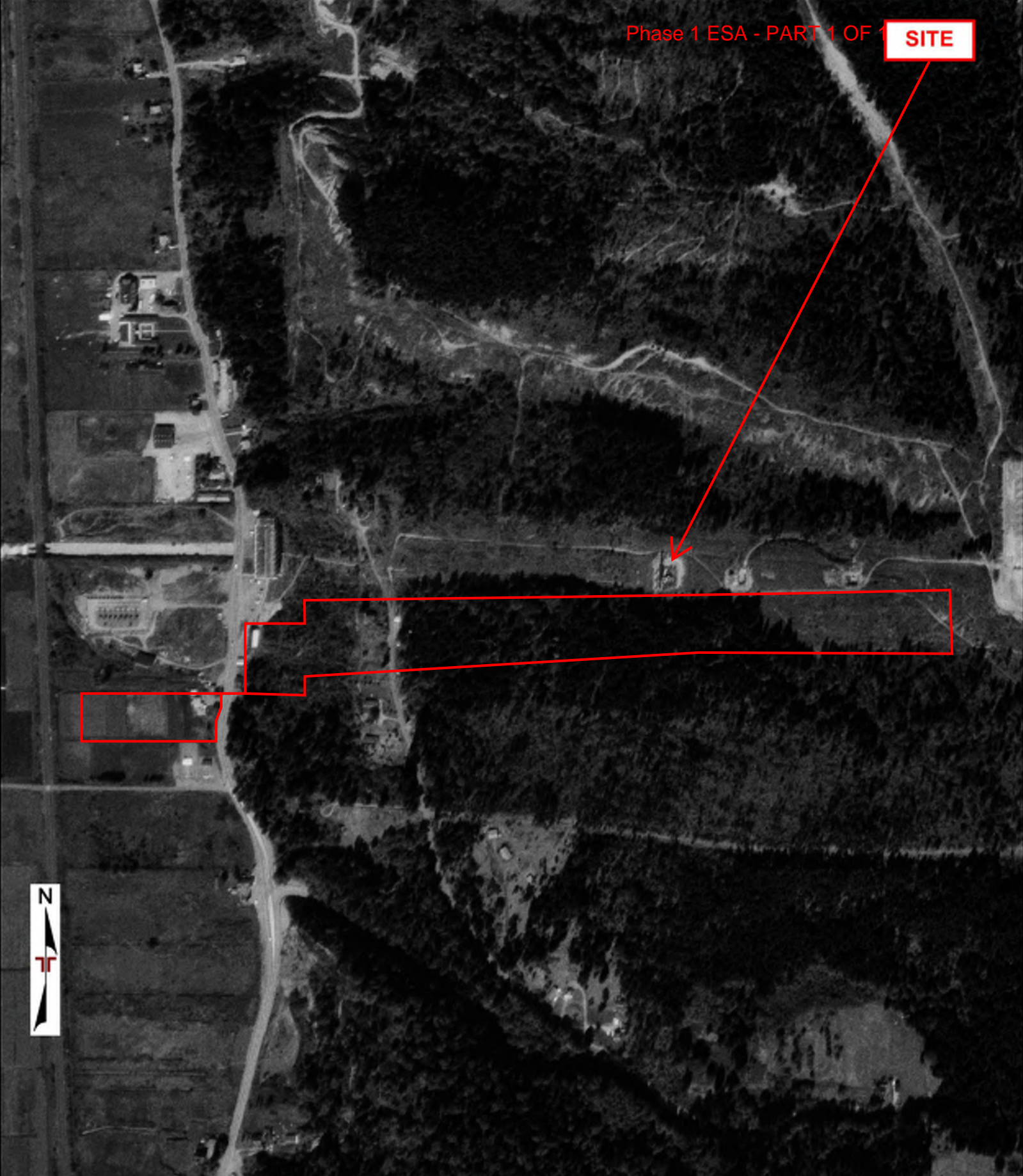
Terracon
 21905 64th Ave W Suite 100
 Mountlake Terrace, Washington 98043

AERIAL PHOTO (1972 - NASA)

Greenwater Storage
 2306 East Valley Highway E
 Sumner, Washington 98390

Appendix

C

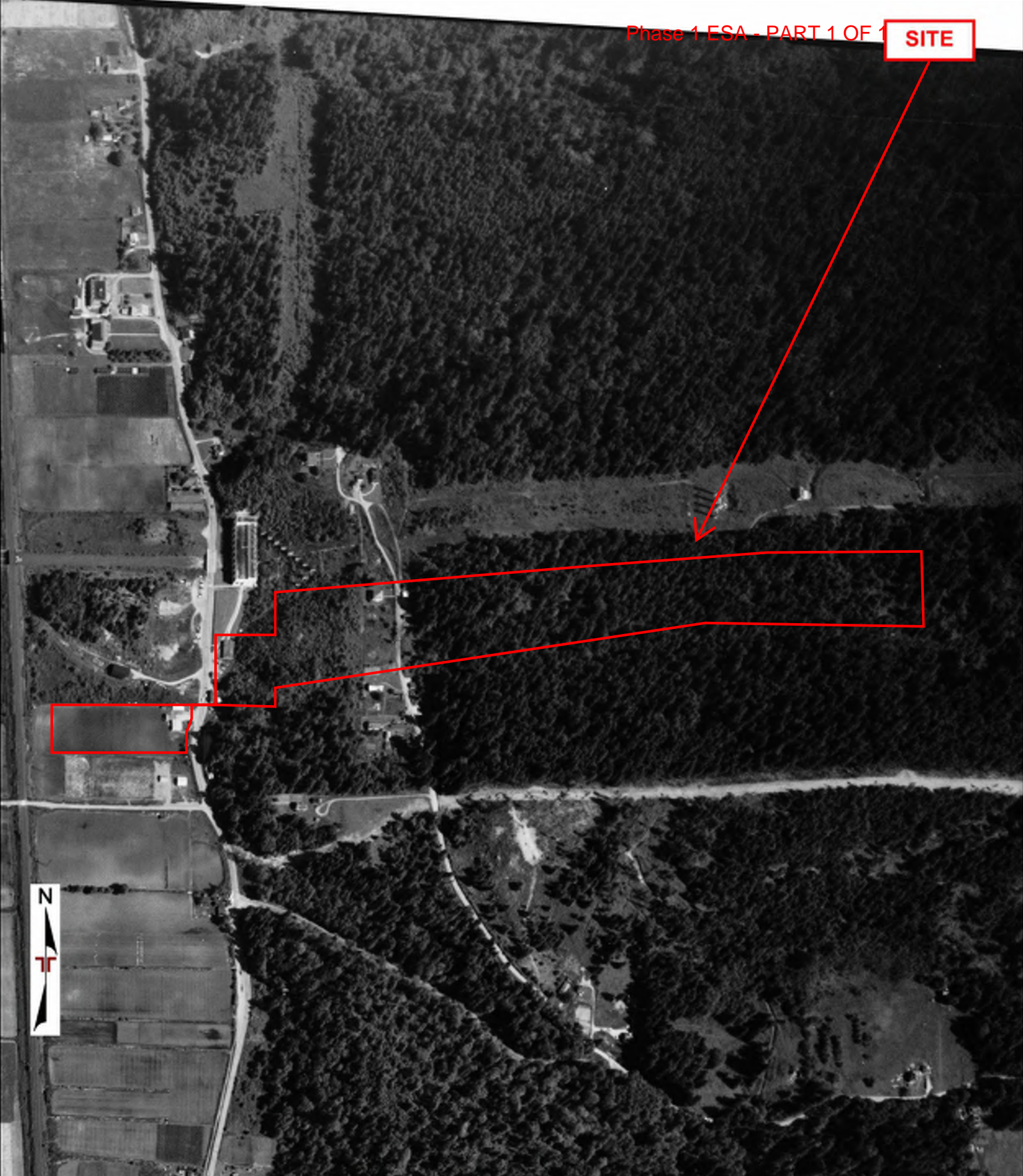


Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (1968 - USGS)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C

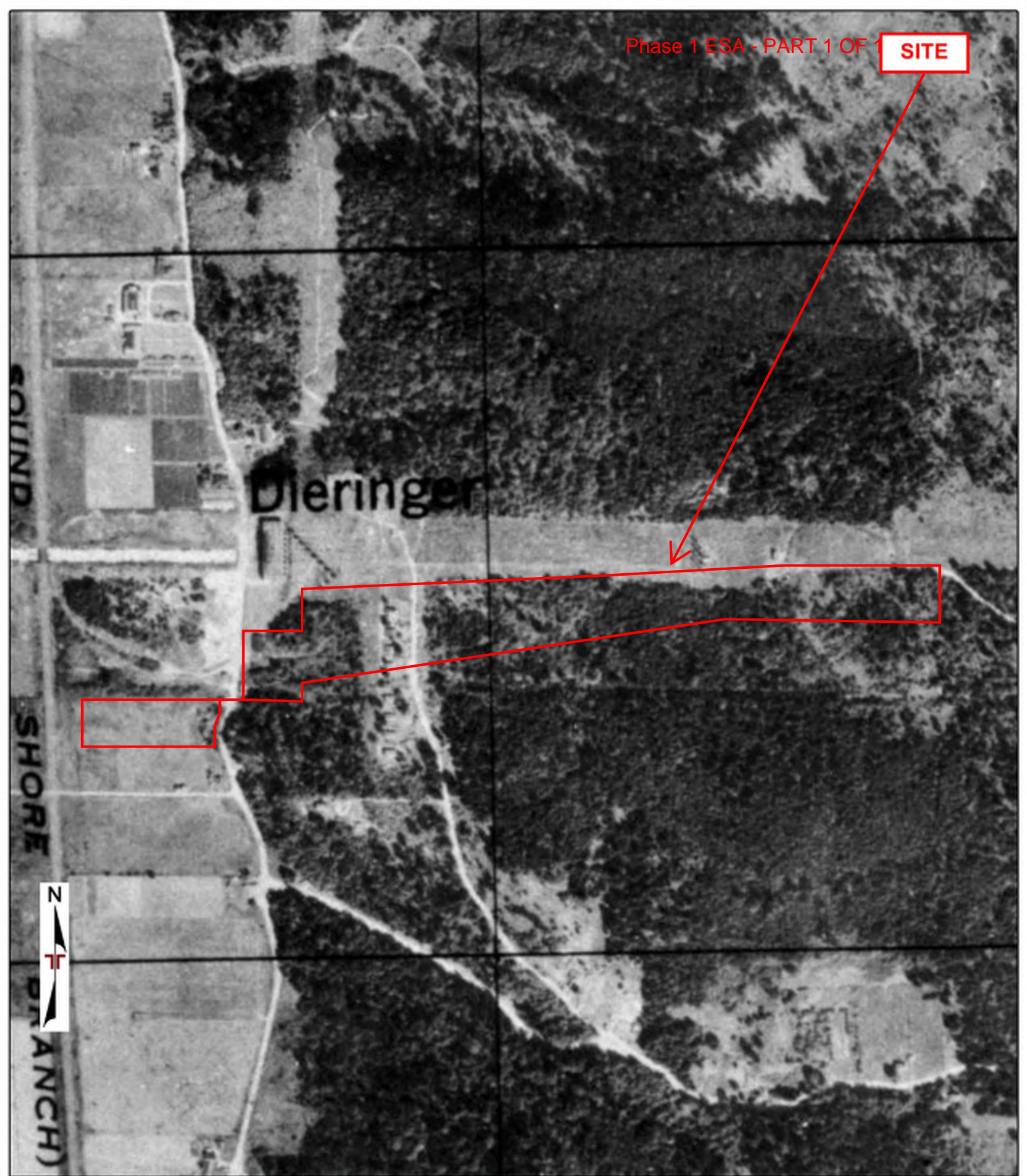


Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (1957 - AMS)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
21905 64th Ave W Suite 100
Mountlake Terrace, Washington 98043

AERIAL PHOTO (1944 - USACE)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C



Project Manager:	Project No. 81227157
Drawn by:	Scale: 1" = 500'
Checked by:	File Name: 22052400974
Approved by:	Date: 2022-05-26

Terracon
 21905 64th Ave W Suite 100
 Mountlake Terrace, Washington 98043

AERIAL PHOTO (1941 - USGS)
Greenwater Storage 2306 East Valley Highway E Sumner, Washington 98390

Appendix
C



CITY
DIRECTORY

Project Property: *Greenwater Storage
2306 East Valley Highway E
Sumner, WA 98390*

Project No: *81227157*

Requested By: *Terracon*

Order No: *22052400974*

Date Completed: *June 01, 2022*

June 01, 2022
RE: CITY DIRECTORY RESEARCH
2306 East Valley Highway E
Sumner, WA 98390

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

ALL of 22nd Street East
14300-end of 24th Street East
ALL of Cottage Road East
1400-2500 of East Valley Highway E
0-2200 of Lakeland Hills Way

Search Notes:

Search Results Summary

Date	Source	Comment
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1995	COLE	
1990	COLE	
1985	COLE	
1980	COLE	
1977	COLE	

16102 RACHEL MARUSKA...RESIDENTIAL
16102 RYAN GILBERT...RESIDENTIAL
16229 CONNER HOMES...SHOPPING CENTERS & MALLS
16313 JASON SINGH...RESIDENTIAL
16427 DRURY ASSOC LLC...OFFICES OF CERTIFIED PUBLIC ACCOUNTANTS
16513 AMY MURPHY...RESIDENTIAL

14301 EXPEDITORS INTERNATIONAL...FREIGHT-FORWARDING
14301 ORBIT T W D...TRANSPORTATION SERVICES
14409 ALASKAN EXPRESS SVC INC...TRANSPORTATION
14409 ALASKAN EXPRESS SVC INC...AIR CARGO SERVICE
14409 HAWAIIAN EXPRESS...TRUCKINGMOTOR FREIGHT
14409 HAWAIIAN EXPRESS...FREIGHT-FORWARDING
14409 HES LOGISTICS INC...LOGISTICS
14409 PRIORITY FREIGHT LINES...TRUCKING
16009 PATTI GALLO...RESIDENTIAL
16014 LESLIE ALVAREZ...RESIDENTIAL

2404 JAMES NELSON...RESIDENTIAL
2621 PAMELA HOLTON...RESIDENTIAL

1402 GARY PETERSON...RESIDENTIAL
1402 WESTERN SELF STORAGE...STORAGE-HOUSEHOLD & COMMERCIAL
1402 WESTERN SELF STORAGE...WAREHOUSES-MERCHANDISE & SELF STORAGE
1409 BACKYARD FACTORY...PLAYGROUND EQUIPMENT
1409 RAINBOW FACTORY SHOWROOMS...ALL OTHER MISCELLANEOUS
MANUFACTURING
1409 SPRINGFREE TRAMPOLINE...NONCLASSIFIED ESTABLISHMENTS
1409 VALLEY TRUCKS...TRUCK CANOPIES, CAPS & SHELLS
1409 VALLEY TRUCKS...TRUCK-DEALERS
1409 VALLEY TRUCKS...TRUCK REFRIGERATION EQUIPMENT (WHLS)
1409 VALLEY TRUCKS...TRAILER RENTING & LEASING
1415 SERENA THOMSON...RESIDENTIAL
1417 JAMES PARKS...RESIDENTIAL
1417 TAMMY WESTON...RESIDENTIAL
1423 CEDAR RECYCLING...PACKING & CRATING SERVICE
1423 CEDAR RECYCLING...PALLETS & SKIDS-MANUFACTURERS
1621 3 KINGS ENVIRON INC-SUMMER OFC...CONSTRUCTION COMPANIES
1621 A STRUCTURE FOR LIFE...NONCLASSIFIED ESTABLISHMENTS
1621 TRUCK CITY...TRUCK-DEALERS
1723 DUB AUTO WORKS...AUTOMOBILE REPAIRING & SERVICE
1723 HALF LION BREWING CO...BREWERS (MFRS)
2008 DIERINGER GYM...STORAGE-HOUSEHOLD & COMMERCIAL
2008 PETERSEN BROTHERS...CONSTRUCTION COMPANIES
2008 PETERSEN BROTHERS...CONSTRUCTION MANAGEMENT
2008 PETERSEN BROTHERS...FEDERAL GOVERNMENT CONTRACTORS
2008 PETERSEN BROTHERS...GENERAL CONTRACTORS
2008 PETERSEN BROTHERS INC...GENERAL CONTRACTORS
2110 K J LANDSCAPING...LANDSCAPE CONTRACTORS
2111 CASCADE WATER ALLIANCE SUMNER...WATER & SEWAGE COMPANIES-
UTILITY
2111 VEOLIA NORTH AMERICA BU12130...ENVIRONMENTAL & ECOLOGICAL
SERVICES

116 FAMILY LIFE CTR CHURCH OF GOD...CHURCHES
 116 RUSSIAN-UKRAINIAN PAROUSIA SDA...CHURCHES
 400 FAMILY LIFE CTR CHURCH OF GOD...CHURCHES

16108 JOSHUA MARK...RESIDENTIAL
 16113 HEIDI BUCHWALD...RESIDENTIAL
 16218 TAMI SPURBECK...RESIDENTIAL
 16427 DRURY ASSOC LLC...OFFICES OF CERTIFIED PUBLIC ACCOUNTANTS

14301 **AMB SUMNER LANDING...***NONCLASSIFIED ESTABLISHMENTS*
14301 **EXPEDITORS INTERNATIONAL...***TRUCKING-HEAVY HAULING*
14301 **EXPEDITORS INTERNATIONAL...***FREIGHT-FORWARDING*
14409 **ALASKAN EXPRESS SVC INC...***TRANSPORTATION*
14409 **PRIORITY FREIGHT LINES...***TRUCKING*
14409 **R & L CARRIERS INC...***TRANSPORTATION SERVICES*
16014 **LESLIE ALVAREZ...***RESIDENTIAL*
16203 **MARYANN ABORQUI...***RESIDENTIAL*
16416 **RANDY OWENS...***RESIDENTIAL*
16506 **PATRICK O'LEARY...***RESIDENTIAL*

2404 **JAMES NELSON...***RESIDENTIAL*
2404 **KRISHANTHI NELSON...***RESIDENTIAL*
2404 **ROSHNI NELSON...***RESIDENTIAL*
2621 **PAMELA HOLTON...***RESIDENTIAL*

1402 WESTERN SELF STORAGE...RECREATIONAL VEHICLES-STORAGE
 1402 WESTERN SELF STORAGE...STORAGE-HOUSEHOLD & COMMERCIAL
 1409 RAINBOW FACTORY SHOWROOMS...ALL OTHER MISCELLANEOUS
 MANUFACTURING
 1409 VALLEY TRUCKS...TRUCK REFRIGERATION EQUIPMENT (WHLs)
 1409 VALLEY TRUCKS...TRUCK-DEALERS
 1417 JAMES PARKS...RESIDENTIAL
 1417 TAMMY WESTON...RESIDENTIAL
 1423 CEDAR RECYCLING...RACKS (WHLs)
 1423 RUSTY RACK GUYS...RACKS (WHLs)
 1621 3 KINGS ENVIRONMENTAL...ENVIRONMENTAL & ECOLOGICAL SERVICES
 1621 A STRUCTURE FOR LIFE...NONCLASSIFIED ESTABLISHMENTS
 1723 BIG JOHN OIL & LUBE...AUTOMOBILE LUBRICATION SERVICE
 1723 DUB AUTO WORKS...AUTOMOBILE REPAIRING & SERVICE
 1827 D & J EQUIPMENT SALES...YELLOW PAGES-PUBLISHERS (MFRS)
 2008 BARRIER WEST LLC...BARRICADES
 2008 PETERSEN BROTHERS...GENERAL CONTRACTORS
 2008 PETERSEN BROTHERS...FEDERAL GOVERNMENT CONTRACTORS
 2111 CASCADE WATER ALLIANCE SUMNER...WATER & SEWAGE COMPANIES-
 UTILITY
 2111 WHITE RIVER HYDRO GENERATING...NONCLASSIFIED ESTABLISHMENTS
 2209 CARS TRUCKS & TOYS CO...CONSIGNMENT SHOPS
 2209 U-HAUL NEIGHBORHOOD DEALER...TRUCK RENTING & LEASING

116 IGLESIA RESTAURACION EL CLVR...CHURCHES
 116 RUSSIAN-UKRAINIAN PAROUSIA SDA...CHURCHES
 400 FAMILY LIFE CTR CHURCH OF GOD...CHURCHES

NO LISTING FOUND

- 14301 AMB SUMNER LANDING...NONCLASSIFIED ESTABLISHMENTS
- 14301 AMB SUMNER LANDING
- 14301 EXPEDITORS INTERNATIONAL...FREIGHT-FORWARDING
- 14409 R & L CARRIERS INC...TRUCKING-MOTOR FREIGHT

2118 CAROL WEIDEMANN...RESIDENTIAL
 2118 DOUG WEIDEMANN...RESIDENTIAL
 2118 MEGAN WEIDEMANN...RESIDENTIAL
 2404 JAMES NELSON...RESIDENTIAL
 2404 KRISHANTHI NELSON...RESIDENTIAL
 2621 PAM HOLTON...RESIDENTIAL
 2625 ALICE BENTLEY...RESIDENTIAL

1402 WESTERN SELF STORAGE...STORAGE-HOUSEHOLD & COMMERCIAL
 1402 WESTERN SELF STORAGE...MINIWAREHOUSE & SELF-STORAGE UNIT
 OPERATORS
 1409 VALLEY TRUCKS...TRUCK-DEALERS
 1417 JAMES PARKS...RESIDENTIAL
 1423 BRIM TRACTOR...TRACTOR-DEALERS (WHLS)
 1423 BRIM TRACTOR...FARM & GARDEN EQUIP MERCHANT WHOLS
 1621 LIBERTY RV CTR...RECREATIONAL VEHICLES
 1621 LIBERTY RV CTR...RECREATIONAL VEHICLE DEALERS
 1705 BARBARA POPE...RESIDENTIAL
 1705 BRIANNA POPE...RESIDENTIAL
 1705 ERIC POPE...RESIDENTIAL
 1705 JOE POPE...RESIDENTIAL
 1721 CYD WOHLHUETER...RESIDENTIAL
 1721 JAMES WOHLHUETER...RESIDENTIAL
 1723 AQUA RECREATION INC...AMUSEMENT & RECREATION NEC
 1723 BIG JOHN OIL & LUBE...AUTOMOBILE LUBRICATION SERVICE
 1723 EQUIPMENT UNLIMITED...NEW MOTOR VEHICLE PARTS MERCHANT WHOLS
 1723 EQUIPMENT UNLIMITED...TRUCK EQUIPMENT & PARTS-MANUFACTURERS
 1723 NORTH RIVER MARINE...OTHER HOUSEHOLD GOODS REPAIR & MAINTENANCE
 1827 N W UTILITY SVC LLC...POWER & COMMUNICATION SYSTEM CONSTRUCTION
 1921 OWEN MILLER...RESIDENTIAL
 2008 BARRIER WEST LLC
 2008 BARRIER WEST LLC...NONCLASSIFIED ESTABLISHMENTS
 2008 PATERSEN BROS INC...NEW SINGLE-FAMILY GENERAL CONTRS
 2008 PATERSEN BROTHERS INC...GENERAL CONTRACTORS
 2008 PETERSEN BROTHERS...GENERAL CONTRACTORS
 2008 PETERSEN BROTHERS...NEW SINGLE-FAMILY GENERAL CONTRS
 2008 PETERSON BROTHERS, INC...UNCLASSIFIED
 2008 SUMNER CRANE SALES & SVC...ALL OTHER SPECIALTY TRADE CONTRS
 2306 BENJAMIN DONIEGO...RESIDENTIAL
 2306 PRISCILLA DONIEGO...RESIDENTIAL

NO LISTING FOUND

NO LISTING FOUND

2008 24TH STREET EAST

SOURCE: DIGITAL BUSINESS DIRECTORY

14409 **OLD DOMINION FREIGHT LINE INC...**TRUCKING
16816 **EDGAR & LEE BROOKS...**RESIDENTIAL
16816 **LYDIA GREENLAW...**RESIDENTIAL

2008 COTTAGE ROAD EAST
Phase 1 FSA - PART 1 OF 1

SOURCE: DIGITAL BUSINESS DIRECTORY

2005 **ARROW TRANSPORTATION...**TRANSPORTATION SERVICES
2404 **J M NELSON...**RESIDENTIAL
2521 **KEVIN GORDER...**LANDSCAPE SERVICES
2625 **WL BENTLEY...**RESIDENTIAL

1402 WESTERN SELF STORAGE...WAREHOUSING SELF STOR
 1402 WESTERN SELF STORAGE...STORAGE-HOUSEHOLD & COMMERCIAL
 1406 MARTY MOORE...RESIDENTIAL
 1417 JAMES L PARKS...RESIDENTIAL
 1423 ABSOLUTE OIL CO...HEATING OIL DISTRIBUTOR
 1423 BRIM TRACTOR...TRACTOR DEALERS
 1621 LIBERTY RV CENTER...RET RV'S
 1621 LIBERTY RV CTR...RECREATIONAL VEHICLES
 1621 LIBERTY RV CTR...RECREATIONAL VH DLR
 1705 JOE POPE...RESIDENTIAL
 1706 MARTIN J MCLAUGHLIN...RESIDENTIAL
 1721 JIM WOHLHUETER...RESIDENTIAL
 1723 ALUMINUM MARINE NORTH RIVER...BOAT DEALERS
 1723 EQUIPMENT UNLIMITED...AUTO SV EX REPAIR
 1807 MARTIN JONES...RESIDENTIAL
 1827 N W UTILITY SVC LLC...WTR,SEWER,UTIL LINE
 1827 N W UTILITY SVC LLC...UTILITY CONTRACTORS
 1921 OWEN P MILLER...RESIDENTIAL
 2008 AQUA JET CAR WASH...CAR WASHING & POLISHING
 2008 BARRIER WEST LLC...RET MISC VEHICLES
 2008 PETERSEN BROTHERS...SINGLE-FAMILY HOUSE CNST MFG SHEET METALWORK
 BRIDGE/TUN
 2008 PETERSON BROTHERS...GEN REMOD 1-FAM HOUSE
 2008 SUMNER CRANE SALES & SVC...CRANE RENTAL/SERV
 2008 WESTERN SELF STORAGE...SELF STORAGE MINI-WAREHOUSES
 2110 GORDER NURSERY...EXCAVATION CONTRACTOR LANDSCAPE SERVICES RET
 NURSERY/GA
 2110 GORDERS NURSERY...NURSERYMEN
 2110 GORDERS NURSERY...RETAIL NURSERIES
 2207 EVERGREEN SPECIALTIES INC...EXCAVATION CONTRACTOR
 2306 BENJAMIN DONIEGO...RESIDENTIAL
 2306 M A DONIEGO...RESIDENTIAL

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

2404 J M NELSON...RESIDENTIAL
2521 KEVIN GORDER...RESIDENTIAL
2625 W L BENTLEY...RESIDENTIAL

1402 WESTERN SELF STORAGE
1406 MARTY MOORE...RESIDENTIAL
1417 JAMES L PARKS...RESIDENTIAL
1523 TALL TIMBER SHAVINGS
1621 LIBERTY RV CTR
1702 SANDI'S SIGNS...TELEPHONE AND COMMUNICATION EQUIPMENT
1705 J POPE...RESIDENTIAL
1706 K J KIBLINGER...RESIDENTIAL
1706 STARCRAFT UPHOLSTERY
1712 P & S LUCEY...RESIDENTIAL
1721 JIM WOHLHUETER...RESIDENTIAL
1808 PETERSEN BROTHERS
1904 DEAN ANDERSON...RESIDENTIAL
2004 A T BRINGS...RESIDENTIAL
2008 BARRIER WEST...DESIGN SERVICES
2102 WILLIAM H KEARNEY...RESIDENTIAL
2110 GORDER'S NURSERY
2111 PUGET SOUND ENERGY INC
2112 JOSEPH S SR ROSEBERRY...RESIDENTIAL
2112 MARY SHARP...RESIDENTIAL
2207 EVERGREEN SPECIALTIES INC
2211 RICKARD J EVANS...RESIDENTIAL
2306 BENJAMIN DONIEGO...RESIDENTIAL
2306 M A DONIEGO...RESIDENTIAL
2404 J YANG...RESIDENTIAL
2420 GREG BIRKELAND...RESIDENTIAL

400 FAMILY LIFE CTR -CHURCH OF GOD

NO LISTING FOUND

NO LISTING FOUND

2404 **J M NELSON**...RESIDENTIAL
2521 **KEVIN GORDER**...RESIDENTIAL
2625 **W L BENTLEY**...RESIDENTIAL

1402 WESTERN SELF STORAGE
1406 MARTY MOORE...RESIDENTIAL
1417 JAMES L PARKS...RESIDENTIAL
1526 BARCHA BROTHERS...CANOE AND KAYAK DEALERS
1621 LIBERTY RV CTR
1702 SANDI'S SIGNS...TELEPHONE AND COMMUNICATION EQUIPMENT
1705 J POPE...RESIDENTIAL
1706 GORDER'S NURSERY
1706 K J KIBLINGER...RESIDENTIAL
1706 STARCRAFT UPHOLSTERY
1712 P & S LUCEY...RESIDENTIAL
1721 JIM WOHLHUETER...RESIDENTIAL
1723 CEDARRECYCLING...CARGO CONTAINERS, WOOD AND WOOD WITH METAL
1808 BARRIER WEST...DESIGN SERVICES
1808 PETERSEN BROTHERS
1812 KRISTINE JAY...RESIDENTIAL
1904 DEAN ANDERSON...RESIDENTIAL
2004 A T BRINGS...RESIDENTIAL
2102 WILLIAM H KEARNEY...RESIDENTIAL
2111 PUGET SOUND ENERGY INC
2112 JOSEPH S SR ROSEBERRY...RESIDENTIAL
2112 MARY SHARP...RESIDENTIAL
2207 EVERGREEN SPECIALTIES INC
2211 RICKARD J EVANS...RESIDENTIAL
2306 BENJAMIN DONIEGO...RESIDENTIAL
2306 M A DONIEGO...RESIDENTIAL
2404 J YANG...RESIDENTIAL
2420 GREG BIRKELAND...RESIDENTIAL

NO LISTING FOUND

STREET NOT LISTED

RANGE NOT LISTED

2404 J M NELSON
2521 KEVIN GORDER
2625 W L BENTLEY

1402 RYDER TRUCK RENTL
1406 MARTY MOORE
1416 NP
1417 ARTHUR P MONROE
1417 JAMES L PARKS
1706 KJ KIBLINGER
1721 JIM WOHLHUETER
1904 DEAN ANDERSON
2008 PETERSEN BROTHERS
2209 EVERGREEN SPECITS
2306 BENJAMIN DONIEGO
2306 MA DONIEGO
2518 AA ASPHALTING

STREET NOT LISTED

STREET NOT LISTED

RANGE NOT LISTED

2118 DARANE GALLOWAY
2118 ME GALLOWAY JR
2625 WL BENTLEY

1315 MAX ROSARIO
1406 NP
1416 NP
1417 JAMES L PARKS
1508 I BATTEY
1514 NP
1522 NP
1526 MR FIBERGLAS INDUS
1612 M ROBBINS
1615 J ANDERSEN
1615 L DANIELS
1706 JERRY L MURRAY
1706 K J KIBLINGER
1706 NP
1715 C ANDERSON
1715 M SALYERS
1721 JIM WOHLHUETER
1807 NP
1808 DSD MIDDLE SCHOOL
1820 JEFF POWELL
1904 EM JENSEN
1904 NP
2008 PETERSEN BROTHERS
2111 PUGET POWER
2306 M A DONIEGO
2719 LOG CABIN TAVERN

STREET NOT LISTED

STREET NOT LISTED

RANGE NOT LISTED

STREET NOT LISTED

1315 MAX ROSARIO
1416 WAYNE PECK JR
1417 JAMES L PARKS
1514 L BLEUEL
1522 NP
1526 MR FIBERGLAS INDUS
1706 KJ KIBLINGER
1706 M ZINICOLA
1706 NP
1807 S R TYLER
1808 DSD MIDDLE SCHOOL
1820 BUZ ROSE
2008 PETERSEN BROTHERS
2111 PUGET SND PWR & LGHT
2306 M A DONIEGO
2514 DONALD L MARLOW

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

1417 JAMES L PARKS
1514 JOE HUFFMAN
1807 S R TYLER
1808 DIERINGER MDL SCHL
1808 DIERINGR MNTNC ADM
2111 PUGET SOUND POWER
2306 M A DONIEGO
2514 DONALD L MARLOW
2514 SPRINGWATER GARDNS

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

RANGE NOT LISTED

STREET NOT LISTED

Vlas, Sally J

From: Washington Department of Ecology PDO <ecologywa@govqa.us>
Sent: Friday, June 10, 2022 2:48 PM
To: Vlas, Sally J
Cc: PublicDisclosureSWRO@ECY.WA.GOV
Subject: [Records Center] Public Records Request :: P011098-052422

Attachments:
[P011098-Vlas.zip](#)

--- Please respond above this line ---

Hi Sally,

I found four ERTS reports for the address 2111 East Valley Highway East, Sumner, which are attached and available to access in your [Public Records Request Center](#) account. Please log in to your account and go to request P011098.

I did not find any ERTS reports for the other two addresses or parcel numbers you requested for 2306 East Valley Highway East or 2005 Cottage Road East, Sumner.

This request is now closed.

Thank you,
DeAnn DeRosier
Records and Public Disclosure
Southwest Regional Office
Department of Ecology
(360) 407-6309
deann.derosier@ecy.wa.gov
publicdisclosureswro@ecy.wa.gov

The disclosure of information in the records being produced does not in any way constitute a waiver of attorney-client and/or work product privileges.

To monitor the progress or update this request please log into the [Public Records Request Center](#)

ERTS Incident #550354

Environmental Report Tracking - Generated 6/8/2022, 1:30 PM

Primary Initial Report - Reported: 08/31/05 16:08

Reference ID - 70423

Where did it happen?

Location name: THE WHITE RIVER POWER PLANT
 Physical address: 2111 EAST VALLY HWY
 SUMNER WA 98390-
 US
 County: PIERCE
 Ecology region: SWRO
 Lat, long:
 Directions/Landmarks:

What happened?

Incident date:
 Activity: Other
 Cause: Equipment failure - Leaking underground
 storage tank
 Medium: Ground - Soil
 Source: Tank - Underground storage tank (UST)
 Substance: Oil - Other
 Substance amount:

Who might be responsible?

Name:
 Organization: PUGET SOUND ENERGY
 Email:
 Phone number(s):
 Mailing address:

How was it reported?

Intake type: Unknown
 Reported date: 08/31/05 16:08
 Entered by: twal461
 Entered at: 08/31/05 16:08

Who reported it?

Do they want this to be confidential? No

Reporter type:
 Unknown
 Name:
 BRIAN PETERKA
 Organization:
 GEO-ENGINEERS
 Email:
 Phone number(s):
 (206) 239-3230
 Mailing address:
 Are they anonymous? No
 Are they self-reporting? No
 External reference number:

Comments/notes

WAS CONDUCTING SOIL BORINGS AROUND FORMER UNDERGROUND STORAGE TANK AREA - PETROLEUM RELATED CONTAMINATES WERE FOUND.

SOIL TESTED FOR DIESEL, GASOLINE, HEAVY OIL, BENZENE.

GROUND WATER IMPACTED AS WELL.

Incident details

Life cycle status: Historic
 Incident Date:
 Was it self-reported?: No
 Show to public?: No

Location

Location name: THE WHITE RIVER POWER PLANT
 Physical Address: 2111 E VALLEY HWY
 SUMNER WA 98390-
 US
 County: PIERCE

Program owners

Kathy Armstrong (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Ben Cornell (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Ron Holcomb (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Corey King (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Alison Meyers (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Curt Piesch (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Doug Stolz (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Andrea Unger (Primary)

SWRO - Spill Prevention, Preparedness & Response

Comments:

Lat, long:

Who might be responsible?

Name:

Organization:

PUGET SOUND ENERGY

Email:

Phone number(s):

Mailing address:

Follow-ups

Program: - Subject: Historic Referral - For Data Migration Purposes Only

Reference ID - 67101

What happened?

Primary activity

Activity:

Other

Primary cause

Cause:

Equipment failure - Leaking underground storage tank

Action history

Status	Action	Date
In progress	Referral	08/31/2005 00:00:00

Additional details

Medium:
Ground - Soil
Source:
Substance:
Substance amount:

Medium:
Ground - Soil
Source:
Substance:
Oil - Other
Substance amount:

Medium:
Ground - Soil
Source:
Tank - Underground storage tank (UST)
Substance:
Substance amount:

Medium:
Water - Groundwater
Source:
Substance:
Substance amount:

Medium:
Water - Groundwater
Source:
Substance:
Oil - Other
Substance amount:

Medium:
Water - Groundwater
Source:
Tank - Underground storage tank (UST)
Substance:
Substance amount:

Primary impact

Impact:
Ground - Soil contamination

Additional impacts

Impact:
Ground - Groundwater contamination

Comments

Stand alone comment 06/28/2019 08:46:48

Created By:

Historic Referral Contact Information - ReferralDate: 2005-08-31 FirstName: NANNETTE MiddleName: LastName: BROOKS Email: nbro461@ecy.wa.gov PhoneNumber: (360) 407-6311 OrganizationName: ADMINISTRATION (SWRO ERTS COORDINATOR) WorkLocation: SWRO

Stand alone comment 06/28/2019 08:46:48

Created By:

Historic Referral Contact Information - ReferralDate: 2005-08-31 FirstName: ANDREA MiddleName: LastName: UNGER Email: aung461@ecy.wa.gov PhoneNumber: 407-6334 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Stand alone comment 06/28/2019 08:46:48

Created By:

Historic Referral Contact Information - ReferralDate: 2005-09-01 FirstName: SHA MiddleName: LastName: TACOMA PIERCE COUNTY HEALTH DEPARTMENT Email: erts@tpchd.org PhoneNumber: (253) 798-2891 OrganizationName: HEALTH DEPARTMENT WorkLocation: PIERCE COUNTY

Stand alone comment 06/28/2019 08:46:47

Created By:

Historic Investigator Contact Information - FirstName: NANNETTE MiddleName: LastName: BROOKS OrganizationName: ADMINISTRATION (SWRO ERTS COORDINATOR) WorkLocation: SWRO

Follow-up owners

Status	Organization	First name	Last name	Is external?	Email	Phone number	Comments
Accepted	WA Ecology	Nannette	Brooks	N	nbro461@ecy.wa.gov	(360) 951-6449	<input type="text"/>
Accepted	WA Ecology	Andrea	Unger	N	aung461@ecy.wa.gov	(360) 561-8495	<input type="text"/>

Program: Spill Prevention, Preparedness & Response - Subject: Historic Referral - For Data Migration Purposes Only

Reference ID - 67108

What happened?

Primary activity

Activity:
Other

Action history

Status	Action	Date
Completed	No action - Voluntary compliance	08/31/2005 00:00:00

Primary cause

Cause:
Equipment failure - Leaking underground storage tank

Primary detail

Medium:
 Ground - Soil
 Source:
 Tank - Underground storage tank (UST)
 Substance:
 Oil - Other
 Substance amount: 0 Other

Primary impact

Impact:
 Ground - Soil contamination

Comments

Stand alone comment 06/28/2019 08:46:47

Created By:

Historic Investigator Contact Information - FirstName: ANDREA MiddleName: LastName: UNGER OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Stand alone comment 06/28/2019 08:45:15

Created By:

I called and spoke with Brian to check on the groundwater contamination. He reported that it was not near any surface water were it might leach out This is a TCP case. Refer

Follow-up owners

Status	Organization	First name	Last name	Is external?	Email	Phone number	Comments
Accepted	WA Ecology	Andrea	Unger	N	aung461@ecy.wa.gov	(360) 561-8495	<input type="text"/>

Program: - Subject: Historic Referral - For Data Migration Purposes Only
 Reference ID - 80452

What happened?

Primary activity

Activity:
 Other

Primary cause

Cause:

Action history

Status	Action	Date
Completed	TCP SIS	04/09/2007 00:00:00
In progress	Field investigation scheduled	03/13/2006 00:00:00

Equipment failure - Leaking underground storage tank

Primary detail

Medium:

Ground - Soil

Source:

Tank - Underground storage tank (UST)

Substance:

Oil - Other

Substance amount:

Primary impact

Impact:

Ground - Soil contamination

Comments

Stand alone comment

06/28/2019 08:46:47

Created By:

Historic Investigator Contact Information - FirstName: SHA MiddleName: LastName: TACOMA PIERCE COUNTY HEALTH DEPARTMENT OrganizationName: TOXICS CLEANUP WorkLocation: swro

Stand alone comment

06/28/2019 08:45:15

Created By:

COMPLAINT (Brief Summary of ERTS):
Soil and groundwater contamination

SITE STATUS (Brief Summary of site condition(s) after investigation):
Cleanup action has not demonstrated a complete remediation of soil and groundwater

Investigator: Rob Olsen Date Submitted: 04/09/07

OBSERVATIONS

Description:

11/10/05: I was provided notice by Brian Peterka, GeoEngineers, that the planned site remediation and UST closure was suspended until completion of a SEPA review. Per my request, a summary of data collected from the site was submitted for review. This data was generated between July and October 2005 and included multiple soil and groundwater data points collected throughout the property. Concentrations of gasoline, diesel, heavy oil, BTEX, lead, carcinogenic and non-carcinogenic PAHs were found in both soil and groundwater at concentrations exceeding MTCA Method A levels.

03/13/06: A TPCHD UST permit had been obtained for UST closure/remediation activities at the site. On site, I observed impacted soils throughout the property. Groundwater had infiltrated the excavations and was in contact with petroleum-contaminated soils. Groundwater within these excavations exhibited a petroleum sheen. GeoEngineers did not locate the UST, but found the UST basin to be backfilled. Surrounding soils were obviously impacted.

03/13/06 – Present: I requested an UST Closure report, per TPCHD requirements, and was told by GeoEngineers that a report was forthcoming, pending additional remediation and investigation. During subsequent phone conversations with GeoEngineers personnel, I was told that a groundwater investigation was in the planning stages. To date, I have not received the requested UST Closure/Remediation report or any additional groundwater data generated from the site. Site activities have been suspended until further notice. My recommendation to list the site on ISIS is based upon the review of analytical data generated prior to the remediation activities and from direct observation of site conditions during the remedial action.

It should be noted that the subject site and the known areas of contamination are within approximately 500 feet of the White River.

Description of past practices likely to be responsible for contamination:

Leaking UST and other undocumented releases

SITE ASSESSMENT COMPLETED. SITE RECOMMENDED FOR LISTING. SEE INITIAL INVESTIGATION DOCUMENTATION ON FILE IN THE CENTRAL FILES ROOM, SWRO FOR DETAILS.

Incident attachments

Disclaimer: There are no attachments for this incident

Vlas, Sally J

From: City of Sumner WA Public Records <support@nextrequest.com>
Sent: Tuesday, May 31, 2022 2:06 PM
To: Vlas, Sally J
Subject: [External Message Added] City of Sumner, WA public records request #22-354

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

City of Sumner, WA Public Records

A message was sent to you regarding record request #22-354:

The City is in receipt of your requested dated May 24, 2022
wherein you requested the following:

Fire Department:

I would like to request records for aboveground or underground
storage tanks and environmental incidents for the following
property:

2111 and 2306 East Valley Highway East
2005 Cottage Road East
Sumner, Washington
Parcel Nos. 9520000062 and a portion of 9520000071,
0520072004 and 0520071007

The City was unable to find responsive records for your request; therefore, we consider this request closed.

Sincerely,
Michelle Converse
City Clerk

[View Request 22-354](https://sumnerwa.nextrequest.com/requests/22-354)

<https://sumnerwa.nextrequest.com/requests/22-354>



Questions about your request? Reply to this email or sign in to contact staff at City of Sumner, WA.

Technical support: See our [help page](#)

Too many emails? [Change your email settings here](#)



08-05248

**SEPTIC/PUMP TANK
 DECOMMISSIONING CERTIFICATION**

The following information must be submitted with this form to receive approval:

1. Site plan showing location of street, structures, and septic/pump tank(s).
2. Application fee
3. Signature from a licensed contractor certifying tank(s) have been abandoned in accordance with WAC 246-272A.
4. Documentation from a certified pumping company that septage has been removed in accordance with WAC 246-272A.

Validation

RECEIVED
 NOV 26 2008
 Tacoma-Pierce County
 Health Dept.

Property Owner Name: PSE

Site Address: 2005 Cottage RD E. Summer 98390

Mailing Address (if different from site): _____

Parcel #: 0520072004 Sewer Application #: _____

Number of Septic/Pump Tank(s) Decommissioned on Site: 1

Reason for Decommissioning: DEMO Connection to public Sewer N/A Connection Date _____

- System Relocated (Attach this form to parent application. Fee will be waived.)
- Other _____

Name of Company Performing Decommissioning: ER Properties

Contractor's License #: ERPRO1*060P6

Contractor's Mailing Address: 1402 LAKE TAPPS PARKWAY E. #1041 AMB 509
 AUBURN, WA 98092

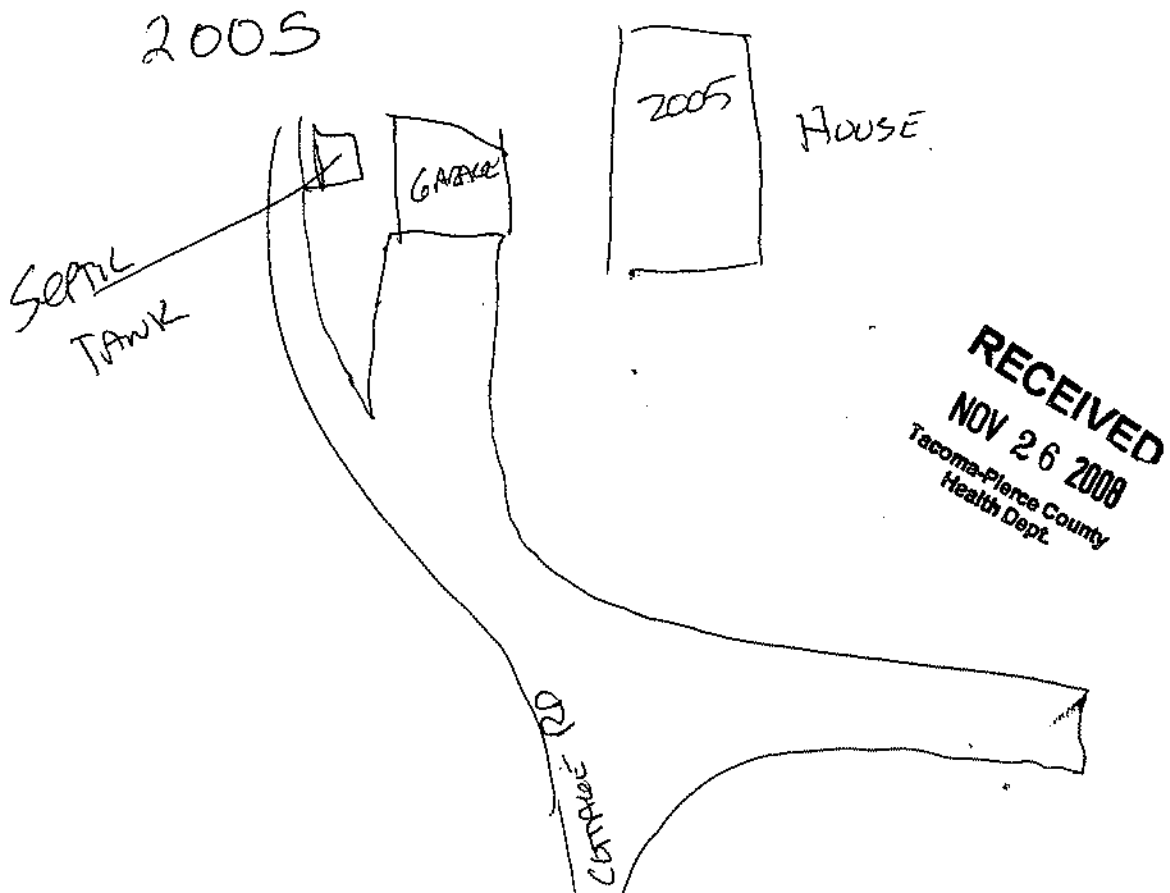
I am a licensed contractor in Pierce County, and I certify the septic/pump tank(s) at the site address listed above has been abandoned in accordance with WAC 246-272A.

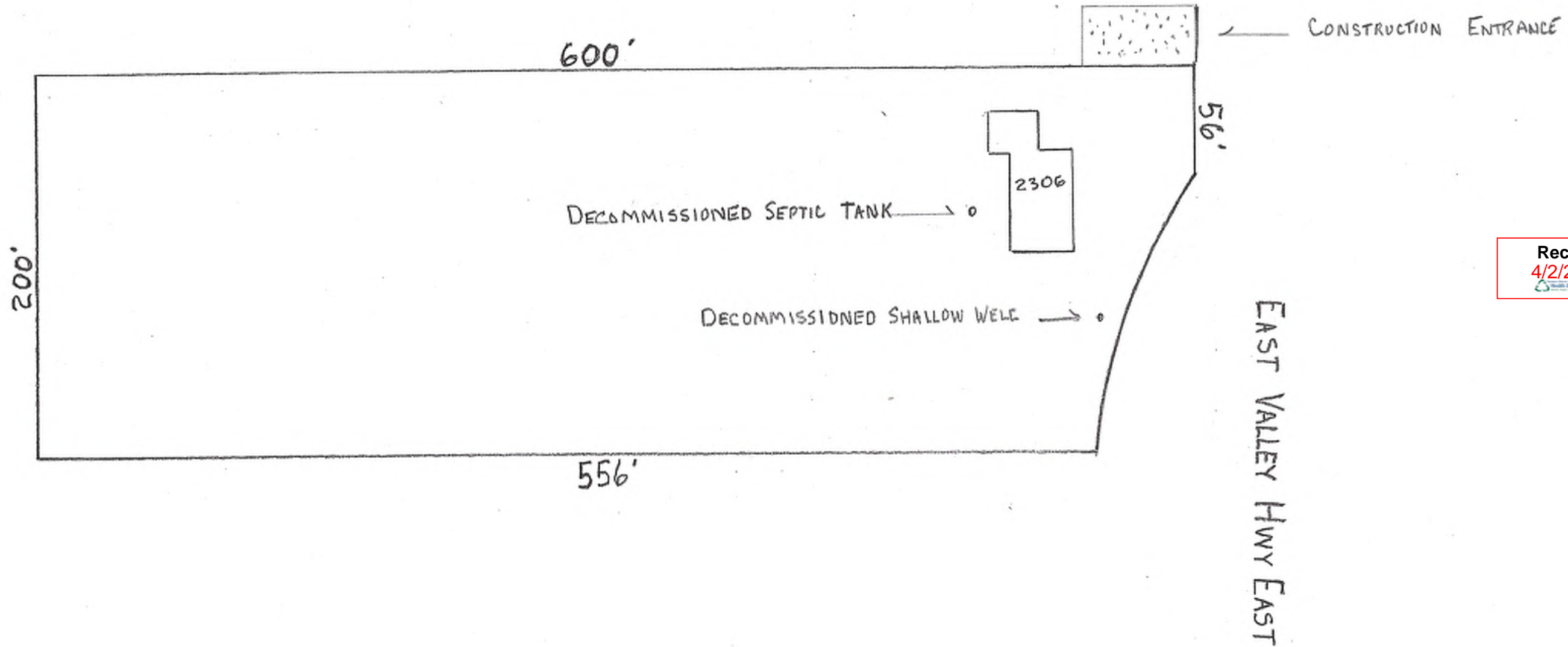
Signature of Contractor [Signature] Date 11-26-08

FOR HEALTH DEPARTMENT USE ONLY

Approved Yes No Reviewed By Monica Rizzo 12/8/08

Comments: _____





Received
4/2/2021

↑
SCALE 1" = 60'

CONSTRUCTION NOTES

1. CONSTRUCTION ENTRANCE WILL BE INSTALLED PRIOR TO DEMOLITION.
2. AREAS DISTURBED DURING DEMOLITION WILL BE COVERED WITH STRAW EACH DAY.
3. ALL AREAS DISTURBED DURING DITCH CLEANING AND DEMOLITION WILL BE SEEDED AND COVERED WITH STRAW WITHIN THREE DAYS OF THE COMPLETION OF THE PROJECT.

Owner; R.J.M.J. Holdings L.L.C.

PO Box 1690 Milton, Wa 98354

Site Address; 2306 E. Valley Hwy E, Sumner 98390

Parcel Number; 9520000062

Phase 1 ESA **CONDITIONS OF APPROVAL:**

Demolition construction area will be temporarily fenced off during demolition and no tractors and/or large equipment is permitted beyond the construction footprint. All vehicle access shall be from the existing driveway off E Valley Hwy.

CITY OF SUMNER
APPROVED SITE COPY

CONSTRUCTION LIMITS FENCE



Demolition of Three Structures

Site Address; 2306 East Valley, Sumner, WA 98380

Owner; RJMJ Holdings LLC, PO Box 1690, Milton, WA 98354



RECEIVED
11/16/2020
DEVELOPMENT
SERVICES

Phase 1 ESA - PART 1 OF 1



GROUND UP ROAD CONSTRUCTION, INC.

November 16, 2020

City of Sumner
Community Development Department
1104 Maple Street
Sumner, WA 98390

RE: Demolition of Three Structures at 2306 East Valley, Sumner, WA 98380

Owner: RJMJ Holdings LLC, PO Box 1690, Milton, WA 98354

We have a property at 2306 East Valley in Sumner, Parcel Number 9520000062. The property includes a residential home that we have boarded up as well as outbuildings that we are not able to secure due to safety concerns in the design and deterioration of the structures.

The structures continue to be attractive to transients as well as rodents. At this time, we are cleaning up the property and would like to take down these outbuildings. There are three different structures - a shed, a garage, and a makeshift carport.

We have already completed an Asbestos Abatement on the property which is attached. All utilities have been disconnected from the property. The disposition of the house shell will not be determined until a later date.

Seeding and placing of straw mulch will be done in the areas of demolition.

The approximate cost associated is less than one thousand dollars (\$1000.00).

Attachments:

Single Family Building Permit Application (Demolition)
Demolition Review Checklist
Site Plan for 2306 East Valley, Sumner, WA 98390
Asbestos Survey Abatement Letter

**PIERCE COUNTY ASSESSOR
PROPERTY PROFILE**

Account #: 0520071007	Local #:	Parcel #: 0520071007
Tax Year: 2021	Levy: 0.000000	# of Imps: 3
Tax Dist: PIERCE	Map #:	LEA: 2056
PUC:	Initials:	Acct Type: Commercial
Assign To: Brent Daum		Created On:
		Active On: 02/10/2020
		Inactive On:
		Last Updated:

Owner's Name and Address

CASCADE WATER ALLIANCE
520 112TH AVE NE STE 400
BELLEVUE , WA 98004-5503

Property Address

XXX 169TH AVE E, PIERCE COUNTY

Sales Summary

Sale Date	Sale Price	Deed Type	Reception #	Book	Page #	Grantor
12/18/2009	\$1,963,500	Bargain & Sale Deed	4227368C			PUGET SOUND ENERGY/ELEC

Legal

Section 07 Township 20 Range 05 Quarter 13 THAT POR OF FOLL DESC PROP LY IN NW (CY OF SUMNER TCA 119) PARCEL "A" OF ROS 2009-02-03-5003 DESC AS THAT POR OF PARCEL C OF DBLA 2005-12-14-5001 LY WLY

Section	Township	Range	Qtr	QtrQtr	Government Lot	Government Tract
07	20	05	1	3		

Subdivision Information

Sub Name	Block	Lot	Tract
Seg Merge 2009-0752			

Land Valuation Summary

Land Type	Abst Cd	Value By	Net SF	Measure	# of Units	Value/Unit	Actual Val	Asmt %	Assessed Val
Commercial	4800L	MRA	1,675,753	Square Feet	1,675,753.200000	\$0.11	\$188,542	100.00%	\$188,542
Class				Sub Class					
Land Subtotal:					38.47		\$188,542		\$188,542

**PIERCE COUNTY ASSESSOR
PROPERTY PROFILE**

Account #: 0520072004		Local #:		Parcel #: 0520072004	
Tax Year: 2021	Levy: 0.000000	# of Imps:	Created On:		
Tax Dist: PIERCE	Map #: SUMNER	LEA: 030504	Active On: 02/24/2021		
PUC:	Initials:	Acct Type: Residential	Inactive On:		
Assign To: UnAssigned		Last Updated:			

Owner's Name and Address

CASCADE WATER ALLIANCE
520 112TH AVE NE STE 400
BELLEVUE , WA 98004-5503

Property Address

2005 COTTAGE RD E, PIERCE COUNTY

Sales Summary

Sale Date	Sale Price	Deed Type	Reception #	Book	Page #	Grantor
12/18/2009	\$1,963,500	Bargain & Sale Deed	4227368C			PUGET SOUND ENERGY/ELEC

Legal

Section 07 Township 20 Range 05 Quarter 21: THAT POR OF PARCEL "C" OF DBLA 2005-12-14-5001 LY IN CY OF SUMNER SD PARCEL DESC AS L 4 OF L L 2000-09-01-5003 EXC FOLL BEG AT NE COR THEREOF TH S ALG

Section	Township	Range	Qtr	QtrQtr	Government Lot	Government Tract
07	20	05	2	1		

Subdivision Information

Sub Name	Block	Lot	Tract
----------	-------	-----	-------

Land Valuation Summary

Land Type	Abst Cd	Value By	Net SF	Measure	# of Units	Value/Unit	Actual Val	Asmt %	Assessed Val
Residential	1101L	MRA	2,656,724	Acres	60.990000	\$21,850.45	\$1,332,659	100.00%	\$1,332,659
Class				Sub Class					
Land Subtotal:					60.99		\$1,332,659		\$1,332,659

**PIERCE COUNTY ASSESSOR
PROPERTY PROFILE**

Account #: 9520000062	Local #:	Parcel #: 9520000062
Tax Year: 2021	Levy: 0.000000	# of Imps: 1
Tax Dist: PIERCE	Map #: SUMNER	LEA: 4054
PUC:	Initials:	Acct Type: Industrial
Assign To: Brent Daum		Created On:
		Active On: 06/14/2019
		Inactive On:
		Last Updated:

Owner's Name and Address

RJMJ HOLDINGS LLC
PO BOX 483
FOX ISLAND , WA 98333-0483

Property Address

2306 EAST VALLEY HWY E, PIERCE COUNTY

Sales Summary

Sale Date	Sale Price	Deed Type	Reception #	Book	Page #	Grantor
07/25/2016	\$199,500	Statutory Warranty Deed	4405571			DONIEGO FRANCES A H & DONIEGO
11/06/2014	\$100,000	Easement	4353602			DONIEGO FRANCES A H & DONIEGO BENJAMIN F H

Legal

Section 07 Township 20 Range 05 Quarter 23 WHITE RIVER GARDEN TRACTS POR L 2 LY W OF ST HWY & E OF NP R/W EXC W 100 FT EXC POR ACQ BY STIP JUDGM & APPR 94-2-06932-8 OUT OF 006-0 SEG W-0881 NF ES

Section	Township	Range	Qtr	QtrQtr	Government Lot	Government Tract
07	20	05	2	3		

Subdivision Information

Sub Name	Block	Lot	Tract
----------	-------	-----	-------

Land Valuation Summary

Land Type	Abst Cd	Value By	Net SF	Measure	# of Units	Value/Unit	Actual Val	Asmt %	Assessed Val
Industrial	9188L	MRA	117,612	Square Feet	117,612.000000	\$3.27	\$384,615	100.00%	\$384,615
Class				Sub Class					
Land Subtotal:					2.70		\$384,615		\$384,615

**PIERCE COUNTY ASSESSOR
PROPERTY PROFILE**

Account #: 9520000062

Local #:

Parcel #: 9520000062

Imp #: 1

Landscaping \$:

0.00

Property Type: Industrial

Quality: Average

Condition: Average

Nbhd: 504

Perimeter: 0

Nbhd Ext: 0

% Complete: 100.00%

Nbhd Adj: 1.0000

Occupancy Summary

Occupancy: Addon Only Comm

Occ %: 100%

Built As Summary

Built As: Addon Only Comm

Year Built: 1958

Construction Type:

Year Remodeled: 1971

HVAC: Electric

Interior Finish:

% Remodeled: 1.0000

Roof Cover:

Adj Year Blt: 1971

Built As SF: 1

Effective Age:

of Baths: 0.00

of Bdrms: 0.00

of Stories: 1.00

Story Height: 8

Sprinkler SF: 0

Diameter: 0

Capacity: 0

Height: 0

Improvement Summary

Improvement	Units	Units Price	RCN	Actual Value
Add On				
Res Bldg Rate Low Q	1653.0000	\$103.28	\$170,721.84	\$39,266.00
Garage D Cls LC SF	575.0000	\$25.19	\$14,484.25	\$3,186.00
Carpport S Cls LC SF	553.0000	\$8.47	\$4,683.91	\$937.00
User				
Cost Override Required	1.0000	\$0.00	\$0.00	\$0.00

Improvements Value Summary

IMPNO: 1

RCN Cost/SF: \$189,890.00

Design Adj: 0.0000

Func Obs %: 0.0000

Total RCN: \$189,890.00

Exterior Adj: 0.0000

Econ Obs %: 0.0000

Phys Depr %: 0.0000

Interior Adj: 0.0000

Other Obs %: 0.0000

Phys Depr \$: \$146,501.00

Amateur Adj: 0.0000

**PIERCE COUNTY ASSESSOR
PROPERTY PROFILE**

Account #: 9520000071	Local #:	Parcel #: 9520000071	
Tax Year: 2021	Levy: 0.000000	# of Imps:	Created On:
Tax Dist: PIERCE	Map #: SUMNER	LEA: 4054	Active On: 04/12/2021
PUC:	Initials:	Acct Type: Industrial	Inactive On:
Assign To: Brent Daum			Last Updated:

Owner's Name and Address	Property Address
CASCADE WATER ALLIANCE 520 112TH AVE NE STE 400 BELLEVUE 5503	2111 EAST VALLEY HWY E , PIERCE COUNTY , WA 98004-

Sales Summary

Sale Date	Sale Price	Deed Type	Reception #	Book	Page #	Grantor
12/18/2009	\$1,963,500	Bargain & Sale Deed	4227368C			PUGET SOUND ENERGY/ELEC

Legal

Section 07 Township 20 Range 05 Quarter 23 WHITE RIVER GARDEN TRACTS: THAT POR OF L 3 THRU 6 LY E OF EAST VALLEY HWY E AS CYD TO P CO BY AFN 98-04-17-0312 EASE OF RECORD OUT OF 007-0 SEG 2009-07

Section	Township	Range	Qtr	QtrQtr	Government Lot	Government Tract
07	20	05	2	3		

Subdivision Information

Sub Name	Block	Lot	Tract
Seg Merge 2009-0718			

Land Valuation Summary

Land Type	Abst Cd	Value By	Net SF	Measure	# of Units	Value/Unit	Actual Val	Asmt %	Assessed Val
Industrial	4800L	MRA	112,820	Square Feet	112,820. 400000	\$4.16	\$469,431	100. 00%	\$469,431
Class				Sub Class					
Land Subtotal:					2.59		\$469,431		\$469,431



**UNDERGROUND STORAGE TANK
TEMPORARY // PERMANENT CLOSURE
and SITE ASSESSMENT NOTICE**

See back of form for instructions
Please the appropriate box(es)
Please type or print information

Phase 1 ESA - PART 1 OF 1

S For Office Use Only *WGS*
Owner # UD005632
Site # D08524

Temporary Tank Closure Permanent Tank Closure Change-In-Service Site Assessment/ Site Check

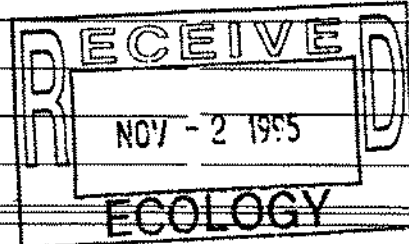
SITE INFORMATION:

Site ID Number (on invoice or available from Ecology if the tanks are registered): 008524
Site/Business Name: Puget Sound Power & Light Company - White River Site
Site Address: 2111 East Valley Highway Telephone: (206) 462-3034
Sumner Washington 98390
City State ZIP-Code

TANK INFORMATION:

Tank ID	Closure Date	Tank Capacity	Substance Stored
<u>1</u>	<u>Oct. 19, 1995</u>	<u>1,000 gallon</u>	<u>unleaded gasoline</u>
<u>2</u>	<u>Oct. 19, 1995</u>	<u>500 gallon</u>	<u>diesel</u>

Entered 1/16/95



CONTAMINATION PRESENT AT THE TIME OF CLOSURE

Yes No Unknown
Check unknown if no obvious contamination was observed and sample results have not yet been received from analytical lab.

UST SYSTEM OWNER/OPERATOR:

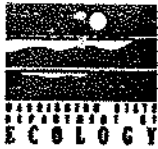
UST Owner/Operator: Puget Sound Power & Light Company
Owners Signature: M. Shadler Telephone: (206) 462-3034
Address: PO Box 97034 OBC-145
Bellevue WA 98009-9734
City State ZIP-Code

TANK CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Service Provider: Olympus Environmental, Inc. License Number: _____
Licensed Supervisor: Dennis McPherson Decommissioning License Number: 72909
Supervisors Signature: D McPherson
Address: PO Box 1064
Kent WA 98035-1064
City State ZIP-Code
Telephone: (206) 735-6625

SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Name of Registered Site Assessor: Gary Zimmerman/Golder Associates, Inc.
Telephone: (206) 883-0777
Address: 4104 - 148th Avenue NE
Redmond WA 98052
City State ZIP-Code



UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

Phase 1 ESA - PART 1 OF 1

SW For Office Use Only VG

Owner: J0005632

Site #: 008524

INSTRUCTIONS:

When a release has **not** been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with Ecology. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
P. O. Box 47655
Olympia, WA 98504-7655

SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): 008524

Site/Business Name: Puget Sound Power & Light Company - White River Site

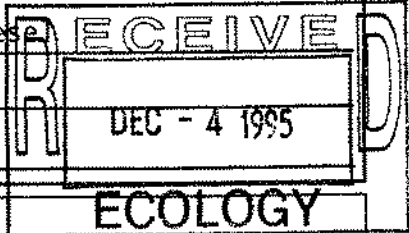
Site Address: 2111 East Valley Highway Telephone: (206) 462-3034

Street
City
State
ZIP Code

Sumner
Washington
98390

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
1	1,000 gallon	Unleaded Gasoline
2	500 gallon	Diesel



REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

- Check one:
- Investigate suspected release due to on-site environmental contamination
 - Investigate suspected release due to off-site environmental contamination.
 - Extend temporary closure of UST system for more than 12 months.
 - UST system undergoing change-in-service.
 - UST system permanently closed-in-place.
 - UST system permanently closed with tank removed.
 - Abandoned tank containing product.
 - Required by Ecology or delegated agency for UST system closed before 12/22/88.
 - Other (describe): _____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	YES	NO
1. The location of the UST site is shown on a vicinity map.	✓	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	✓	
3. A summary of UST system data is provided. (see Section 3.1)	✓	
4. The soils characteristics at the UST site are described. (see Section 5.2)	✓	
5. Is there any apparent groundwater in the tank excavation?	✓	
6. A brief description of the surrounding land use is provided. (see Section 3.1)	✓	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	✓	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	✓	
- groundwater samples distinguished from soil samples (if applicable)	✓	
- samples collected from stockpiled excavated soil	✓	
- tank and piping locations and limits of excavation pit	✓	
- adjacent structures and streets	✓	
- approximate locations of any on-site and nearby utilities	N/A	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	N/A	
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	✓	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	✓	
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.		✓

SITE ASSESSOR INFORMATION

Gary L. Zimmerman Golden Associates Inc.
 Person registered with Ecology Firm Affiliated with
 Business Address: 4104 149th Ave N.E Telephone: (206) 883-0777
Redmond Street WA 98052
City State ZIP+Code

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

11-18-95 [Signature]
Date Signature of Person Registered with Ecology

Golder Associates Inc.

4104-148th Avenue, NE
Redmond, WA 98052
Telephone (206) 883-0777
Fax (206) 882-5498



SW 16
U0005632
008524

**SITE ASSESSMENT REPORT
FOR THE
UNDERGROUND STORAGE TANK REMOVAL**

AT THE

**PUGET SOUND POWER & LIGHT COMPANY
WHITE RIVER POWER PLANT
SUMNER, WASHINGTON**

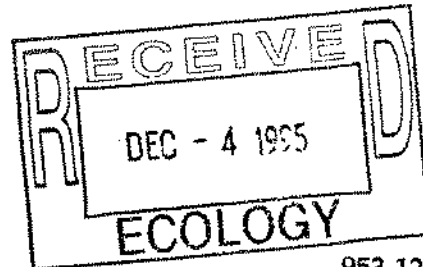
1/1

Prepared by:

**Golder Associates Inc.
Redmond, Washington**

*Report sent to
the Southwest
Regional Office*

Joyce



December 1, 1995

953-1233
1120GLZI.DOC

Golder Associates Inc.

4104-148th Avenue NE
Redmond, WA 98052
Telephone (206) 883-0777
Fax (206) 862-5498



December 1, 1995

Our ref: 953-1233

Underground Storage Tank Section
Department of Ecology
P.O. Box 47655
Olympia, WA 98504-7655

ATTENTION: UST Section

RE: SITE ASSESSMENT REPORT FOR PUGET POWER WHITE RIVER SITE
SUMNER, WASHINGTON

To Whom It May Concern:

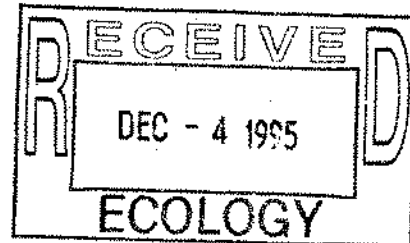
Attached is the Underground Storage Tank Site Check/Site Assessment Checklist and Site Assessment Report completed for Puget Power's White River site. The site assessment was performed pursuant to Washington State Administrative Code 173-360-390 by Golder Associates Inc. for Puget Sound Power and Light Company. The site assessment was conducted in association with the permanent closure and removal of one 1,000 gallon unleaded gasoline UST and one 500 gallon diesel UST from the Puget Power White River Power Plant located in Sumner, Washington.

Sincerely,

GOLDER ASSOCIATES INC.

Gary L. Zimmerman
Project Environmental Scientist

For Douglas Morell
Associate



GLZ/DM/ca

Attachments

cc: Puget Power

1201gbr1.ltr

1. INTRODUCTION

The following underground storage tank (UST) site assessment was performed by Golder Associates Inc. (Golder) for Puget Sound Power and Light Company (Puget Power) at the White River Power Plant located in Sumner, Washington (Figure 1). The site assessment was conducted in association with the permanent closure and removal of one 1,000 gallon unleaded gasoline UST and one 500 gallon diesel UST.

The gasoline and diesel USTs were of steel construction, and were installed on February, 1987, by Northwest Pump & Equipment Company. The two tanks were installed within one excavation and were serviced by a concrete pump island located above ground between the two tanks (Figure 2). The tanks were used for fueling company vehicles, and were in service until approximately April, 1995. The remainder of this report will provide information collected in association with the UST site assessment, final closure, and tank removal.

2. UST CLOSURE AND REMOVAL

2.1 Site Inspection

On September 5, 1995, Golder conducted an initial site visit to the Puget Power White River site. Mr. Mehdi Shahla, from Puget Power, accompanied Golder during the site inspection. The two USTs and associated pump island were located within the fenced southwest yard (Figure 2). Mr. Shahla stated that these were the only two tanks in this area, and all associated fuel piping was contained within the immediate vicinity of the two tanks and pump island. Mr. Shahla also stated that he was not aware of any spills which had occurred in association with these tanks. The nearest building is the power plant located approximately 300 feet to the east (Figure 2).

The site is located on the eastern side of the White River flood plain valley. The topography is flat in this area, and the soils generally consist of alluvial sands and gravels. The White River is located approximately 2000 feet to the west of the site. Groundwater is typically shallow, <10 feet below ground, with a gradient toward the White River. An additional nearby surface water features includes the "tailrace" which is an open trench system that transports the discharge water from the power plant generator. The tailrace is located approximately 200 feet North of the tanks (Figure 2). The tailrace discharges into the White River.

During the site visit, Mr. Shahla pointed out the four observation wells which were located at the ends of both tanks. The observation wells consisted of 4-inch slotted PVC casing which were placed in the pea-gravel during tank installation. Inspection of the observation wells indicated the presence of water but no detectable petroleum odor. No visual evidence of petroleum contamination was observed in the vicinity UST's or pump island during the site inspection.

2.2 Excavation

Olympus Environmental, Inc. (Olympus) was contracted by Puget Power to perform the tank closure and removal. Dennis McPherson (Decommissioning License #72909) supervised the tank removal for Olympus. The following is a chronology of events related to the tank removal:

- On October 11, 1995, Amalgamated Services Inc., of Sumner, Washington, pumped dry and rinsed the tanks.
- On October 12, 1995, Olympus removed the pump island, associated concrete and began excavating the pea-gravel fill material above and around the USTs. Olympus personnel noted smelling a slight gasoline odor on some of the pea-gravel just above the west side of the 1,000 gallon gasoline tank. The excavated pea-gravel from this area was segregated and placed on plastic (stockpile #3 on Figure 2).
- After receiving approval from the Pierce County Fire Department, the two tanks were removed from the excavation and taken to West Pac Environmental, Seattle,

3. CONCLUSION

This site assessment has been performed pursuant to Washington State Administrative Code 173-360-390 for the permanent closure and removal of one 1,000 gallon gasoline tank and one 500 gallon diesel tank at the Puget Power White River site. The results of this site assessment do not indicate that a confirmed release of a regulated substance has occurred.

The source of the trace amounts of gasoline range hydrocarbons and BETX constituents which were detected in the initial groundwater sample are unknown. The absence of petroleum hydrocarbons in all of the soil samples and the non-detection for gasoline hydrocarbons and BETX constituents in the second groundwater sample indicate that the petroleum contamination was localized and removed with the excavated pea-gravel. Any residual petroleum remaining on the excavated pea-gravel was below the detection limits of the TPH analyses (see Table 1); and thus, were also well below the MTCA Method A cleanup standards.

The tank excavation has been backfilled with imported clean pit run railroad ballast and compacted pit run gravel. The stockpiled soil, which was tested as described above, has been spread over a portion of the White River site southwest yard just south of the excavation area.



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

CERTIFIED MAIL

March 22, 2004

Mr. Mehdi Shahla
Puget Sound Energy
PO Box 97034
Bellevue Washington 98009-9734

Dear Mr. Shahla:

Re: White River Generating Station, 2111 East Valley Highway, Sumner, Pierce County,
Washington, Ecology Site ID 008524

Department of Ecology (Ecology) has recently amended the Model Toxics Control Act Cleanup (MTCA) Regulation, Chapter 173-340 WAC. Some of the cleanup levels for contaminants in soil have been changed. In light of these amendments, the Southwest Regional Office (SWRO) has reviewed records on the site listed above. The report that has been reviewed is as follows:

- *Site Assessment Report for the Underground Storage Tank Removal at the Puget Sound Power & Light Company White River Power Plant, Sumner, Washington, Golder Associates Inc., December 1, 1995*

The report details the removal of one 1000 gallon unleaded gasoline underground storage tank and one 500 gallon diesel underground storage tank. Petroleum contamination was found in groundwater during the removals. However, the excavation was pumped out and allowed to recharge. The subsequent sampling did not detect contamination above cleanup levels. The contaminated water was properly treated and disposed of offsite.

Prior to the file review, the status of this site was listed on Ecology's leaking underground storage tank database as 'Unknown'.

Ecology has compared the soil and groundwater sampling test results listed in the report to the cleanup levels defined in the amended regulations. The levels of gasoline and diesel contaminants measured in soil and groundwater samples are below those listed in Table 745-1 of the amended MTCA regulations.

Based on this information, Ecology has determined that the release of petroleum products detailed in the above mentioned report no longer poses a threat to human health or the environment. Therefore, Ecology has listed the status of the site as 'Reported Cleaned Up' without Ecology review on the leaking underground storage tank database maintained by



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Phase 1 ESA - PART 1 OF 1

JAN 09 2012

WA State Department
of Ecology (SWRO)

Mehdi Shahla
March 22, 2004
Page 2

Ecology. A comment stating this has been entered into the comment field of the database where the White River Generating Station is listed.

This status is given to sites where independent remedial activities were conducted without oversight of Ecology aside from minor technical assistance.

Please note that the Reported Cleaned Up designation is not equivalent to a "No Further Action" determination. Ecology has a fee-based service through which owners/operators may obtain a "No Further Action" letter that is issued under Ecology's formal review process called the Voluntary Cleanup program (VCP). This may be done by submitting the White River Generating Station information to the VCP. The VCP offers services to parties who want a thorough review of cleanup activities conducted at their sites. Information on the VCP and forms for applying are located at <http://www.ecy.wa.gov/programs/tcp/vcp/Vcpmain.htm>. If the web site is not accessible, please call (360) 407-6240 and forms will be sent through the US postal service.

Ecology copies of documents on this site are kept in the Records Center for the Southwest Regional Office of Ecology. Ecology documents that are stored in the Records Center are made available for public review by appointment only. Appointments can be made to review site files by calling the SWRO Records Center at (360) 407-6365 or 407-6366.

Thank you for your work at remediation of this site. If you have any questions, I may be reached at (360) 407-6263.

Sincerely,



Carol A. Johnston
Site Manager
Toxics Cleanup Program

CAJ/ksc:032204 Shahla White River

cc: Gary Zimmerman, Golder Associates Inc.,
Rob Olsen, TPCHD

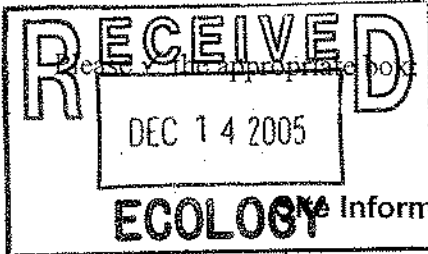
WVPO-PIERCE



UNDERGROUND STORAGE TANK 30 DAY NOTICE

FOR OFFICE USE ONLY	
Site ID #:	8524
Owner ID #:	95724315
VALIDATED	
DEC 14 2005	

See back of form for instructions



Check the appropriate box: Intent to Install Intent to Close Both

Owner Information

(This form will be returned to this address)

Site ID Number N/A
 (Available from Ecology if the tanks are registered)
 Site/Business Name PSE White River Power Plant
 Street
 Site Address 2111 E. Valley Highway E.
 City/State Sumner, WA
 Zip Code 98390 Telephone (206) 604. 3218

UST Owner/Operator Puget Sound Energy
 Mailing Address _____
 Street
PO Box 90868, SKC-WMF
 P.O. Box
 City/State Belleve, WA
 Zip Code 98009 Telephone (206) 604. 3218

Tank Installation Company (if known). Fill out this section ONLY if tanks are being installed.

Service Company N/A Contact Name _____
 Address _____
 Street P.O. Box
 City State Zip Code Telephone (____) _____

Tank Permanent Closure Company (if known). Fill out this section ONLY if tanks are being closed.

Service Company Wyser Construction Contact Name Dan Reynolds
 Address 17125 Sunset Blvd.
 Street P.O. Box
Bothell, WA 98012 Telephone (206) 510. 0672
 City State Zip Code

Tank Closure Information

Fill out this section ONLY if tanks are being closed.

Tank Installation Information

Fill out this section ONLY if tanks are being installed.

Tank ID	Projected Closure Date	Tank Capacity	Substance Stored	Date Tank Last Used	Is There Product In the Tank (Yes/No)	If No, Date Tank Was Pumped	Tank ID	Approx. Install Date
	<u>winter or Spring 2006</u>	<u>~500 gal</u>	<u>Likely leaded gasoline and diesel</u>	<u>1970s</u>	<u>No</u>	<u>1980s (and was filled with concrete)</u>		

8524

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FEB 12 2008

Washington State
Department of Ecology

**ENVIRONMENTAL SITE CHARACTERIZATION
AND CLEANUP ACTION REPORT
WHITE RIVER POWER PLANT
SUMNER, WASHINGTON**

JANUARY 28, 2008

**FOR
PUGET SOUND ENERGY**

**Environmental Site Characterization and
Cleanup Action Report
White River Power Plant
Sumner, Washington
File No. 0186-618-00**

January 28, 2008

Prepared for:

**Puget Sound Energy
Environmental Services Department
P.O. Box 90868 EST-06E
Bellevue, Washington 98009-0868**

Attention: John Rork

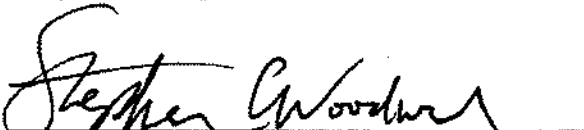
Prepared by:

**GeoEngineers, Inc.
Plaza 600 Building
600 Stewart Street, Suite 1700
Seattle, Washington 98101**

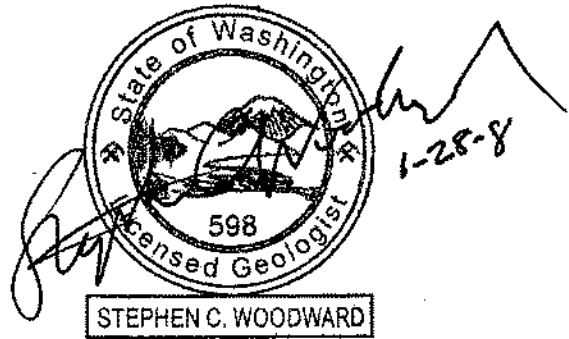


**Greg J. Andrina
Project Manager**

FOR GTA



**Stephen C. Woodward, LG
Principal**



RST:GJA:KRF:bmw
SEAT:\0186618\00\Finals\018661800CleanupR.DOC

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cc: Washington State Department of Ecology, Southwest Regional Office
Rob Olsen, Tacoma Pierce County Health Department

TABLE OF CONTENTS

	<u>Page No.</u>
1.0 INTRODUCTION AND BACKGROUND	1
2.0 SITE HISTORY.....	1
3.0 SCOPE OF SERVICES.....	2
3.1 SITE CHARACTERIZATION ACTIVITIES	2
3.2 REMEDIAL ACTIVITIES.....	2
4.0 SITE CHARACTERIZATION.....	3
4.1 OVERVIEW	3
4.2 EXPLORATION PROGRAM	3
4.3 SUBSURFACE CONDITIONS	4
4.3.1 Soil	4
4.3.2 Groundwater	4
4.4 SOIL ANALYTICAL RESULTS.....	4
4.4.1 Gasoline/Diesel UST Area	5
4.4.2 Heating Oil UST Area	5
4.4.3 Area Impacted by Metals	5
4.5 GROUNDWATER ANALYTICAL RESULTS.....	6
5.0 REMEDIAL PLANNING AND PREPARATION	6
5.1 LEAD AND ASBESTOS SURVEY	6
5.2 PERMITS.....	6
6.0 REMEDIAL EXCAVATION ACTIVITES	7
6.1 GENERAL.....	7
6.2 EXCAVATION AND CONFIRMATION SAMPLING DETAILS	7
6.2.1 Gasoline/Diesel UST Area.....	7
6.2.2 Heating Oil UST Area	8
6.2.3 Area Impacted by Metals	8
6.3 DANGEROUS WASTE CHARACTERIZATION AND MANAGEMENT	8
6.4 EXCAVATION DEWATERING	9
6.5 SOIL STOCKPILE SAMPLING	10
7.0 EXCAVATION BACKFILL AND SITE RESPORATION	10
8.0 CONCLUSIONS	10
9.0 LIMITATIONS.....	10

List of Tables

- Table 1. Site Characterization Soil Chemical Analytical Data
Petroleum Hydrocarbons, Volatiles, and PCBs
- Table 2. Site Characterization Soil Chemical Analytical Data
Metals
- Table 3. Site Characterization Soil Chemical Analytical Data
Non-Carcinogenic Polycyclic Aromatic Hydrocarbons
- Table 4. Site Characterization Soil Chemical Analytical Data
Carcinogenic Polycyclic Aromatic Hydrocarbons

TABLE OF CONTENTS (CONTINUED)

Table 5.	Groundwater Chemical Analytical Data Petroleum Hydrocarbons, Volatile Constituents, PCBs and Metals
Table 6.	Groundwater Chemical Analytical Data Polycyclic Aromatic Hydrocarbons
Table 7.	Remedial Excavation Soil Chemical Analytical Data Petroleum Hydrocarbons and Volatiles
Table 8.	Remedial Excavation Soil Chemical Analytical Data Metals and PCBs
Table 9.	Remedial Excavation Soil Chemical Analytical Data Non-Carcinogenic Polycyclic Aromatic Hydrocarbons
Table 10.	Remedial Excavation Soil Chemical Analytical Data Carcinogenic Polycyclic Aromatic Hydrocarbons
Table 11.	Waste Profile Analytical Results
Table 12.	Analytical Results for Groundwater Removed from Excavation pH, FOG, PCBs, and Metals

List of Figures

Figure 1.	Vicinity Map
Figure 2.	Impact Areas by Contamination Type
Figure 3A.	Soil Characterization Samples – North Portion of Site
Figure 3B.	Soil Characterization Samples – South Portion of Site
Figure 4.	Groundwater Elevations June 8, 2007 Monitoring Event
Figure 5A.	Confirmation Soil Samples – North Portion of Site
Figure 5B.	Confirmation Soil Samples – South Portion of Site

APPENDICES

APPENDIX A – FIELD PROCEDURES

APPENDIX B – EXPLORATION BORING LOGS PREPARED BY SLR

APPENDIX C – CHEMICAL ANALYTICAL DATA

Appendix C Volumes (Attached)

Appendix C Volume I – Lab Data

Appendix C Volume II – Lab Data Continued

APPENDIX D – LEAD AND ASBESTOS SURVEY

APPENDIX E – PERMITS

APPENDIX F – WASTE DISPOSAL SUMMARY

APPENDIX G – REPORT LIMITATIONS AND GUIDELINES FOR USE

**ENVIRONMENTAL SITE CHARACTERIZATION AND
CLEANUP ACTION REPORT
WHITE RIVER POWER PLANT
SUMNER, WASHINGTON
FOR
PUGET SOUND ENERGY**

1.0 INTRODUCTION AND BACKGROUND

This report summarizes the results of environmental site characterization and cleanup actions in the southern portion of Puget Sound Energy's (PSE) White River Power Plant property located at 2111 East Valley Highway East in Sumner, Washington, herein referred to as the "site." The property is located in a relatively flat area on the east side of the White River valley. A steep slope extends upward from the eastern side of the property toward Lake Tapps. The property consists of an inactive power plant and several support buildings including an office building, carpenter shop, garage and storage shed. The property is shown relative to surrounding physical features in Figure 1. The general layout of the site is shown in Figure 2.

SLR International (SLR) completed initial site characterization activities in July 2005. Information obtained by SLR indicated that petroleum-related soil and groundwater contamination was present in the vicinity of the garage (Figure 2). The source of this contamination appeared to be a former vehicle fueling system. Additionally, lead-contaminated soil was identified south of the carpenter shop. The source of this contamination is not known but believed to be tied to historic sandblasting activities. The locations of explorations completed by SLR are shown in Figures 3A and 3B. Chemical analytical results obtained by SLR are included in Tables 1, 2 and 5.

GeoEngineers completed supplemental site characterization activities between September 2005 and January 2007 to further evaluate the nature and extent of contamination identified during the SLR study. A cleanup approach was selected to satisfy the requirements of WAC chapter 173-340-360. The cleanup consisted of source removal by remedial excavation, followed by groundwater monitoring. Remedial excavation activities were conducted between March 2006 and February 2007. Results of the site characterization and cleanup activities are summarized in the following sections.

2.0 SITE HISTORY

The power plant and many of the surrounding structures were constructed in the late 1800s. A vehicle fueling system consisting of a fuel dispenser and two 500-gallon underground storage tanks (USTs) was also present at the site. The USTs contained gasoline and diesel, and were located in the vicinity of the former garage (Figure 2). The fueling system was apparently last used in the 1970s and the USTs were removed in the 1980s. In addition to the vehicle fueling system, an unregistered 50-gallon heating oil UST was present immediately north of the carpenter shop. The carpenter shop, garage, storage shed, and all UST-related facilities were removed from the site between 2006 and 2007. Demolition and UST removal activities are summarized below.

3.0 SCOPE OF SERVICES

The purpose of our services was to, (1) evaluate the extent of soil and groundwater contamination discovered by SLR, and (2) monitor and document remedial excavation activities to attain compliance with MTCA.

Our specific scope of services included the following:

3.1 SITE CHARACTERIZATION ACTIVITIES

1. Evaluate existing site characterization data provided by SLR.
2. Prepare a site safety plan for use by GeoEngineers personnel.
3. Monitor the completion of 17 direct-push explorations, 48 test pit explorations, and eight hand auger explorations to evaluate soil conditions. Use field screening techniques to evaluate the potential presence of petroleum hydrocarbons in soil samples obtained from the explorations.
4. Obtain and submit 91 soil samples from the explorations for chemical analysis of one or more of the following constituents: gasoline-range petroleum hydrocarbons using Ecology Method NWTPH-G; diesel- and heavy oil-range petroleum hydrocarbons using Ecology Method NWTPH-Dx; halogenated volatile organic compounds (HVOCs), methyl tert-butyl ether (MTBE), ethylene dibromide (EDB) and 1,2-dichloroethane (EDC) using EPA Method 8260B; benzene, ethylbenzene, toluene, xylenes (BETX) using EPA Method 8021; arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver using EPA Method 6000/7000 series; polychlorinated biphenyls (PCBs) using EPA Method 8082, and; polycyclic aromatic hydrocarbons (PAHs) using EPA Method 8270SIM.
5. Submit eight soil samples for chemical analysis of lead and arsenic in accordance with the Toxicity Characteristic Leaching Procedure (TCLP) using EPA Methods 1311 and 6010B.
6. Obtain four groundwater samples (GEI-1 and GEI-3 through GEI-5) from direct-push borings using low-flow sampling methods. Submit the samples for chemical analysis of one or more of the following constituents: gasoline-range petroleum hydrocarbons using Ecology Method NWTPH-G; diesel- and heavy oil-range petroleum hydrocarbons using Ecology Method NWTPH-Dx; BETX using EPA Method 8021; HVOCs using EPA Method 8260B; total and dissolved lead using EPA Method 6020; PCBs using EPA Method 8082, and; volatile organic compounds (VOCs) using EPA Method 8260B.

3.2 REMEDIAL ACTIVITIES

1. Assist PSE with obtaining permits for site demolition, UST removal and soil excavation activities.
2. Monitor and/or document the excavation and off-site permitted disposal of contaminated soil from the site.
3. Obtain 104 confirmation soil samples from the limits of the remedial excavation. Submit the soil samples for chemical analysis of one or more of the following constituents: gasoline-range petroleum hydrocarbons using Ecology Method NWTPH-G; diesel- and heavy oil-range petroleum hydrocarbons using Ecology Method NWTPH-Dx with acid/silica gel cleanup; BETX using EPA Method 8021; lead and arsenic using EPA Method 6020 and 6010B, respectively; PCBs using EPA Method 8082; volatile organic compounds (VOCs) by 8260B and; PAHs using EPA Method 8270SIM.

4. Monitor and/or document the handling and disposal of groundwater removed from the excavation. Obtain 18 samples of groundwater removed from the excavation and submit the samples for chemical analysis for disposal purposes. Submit the samples for analyses of pH using EPA Method 150.1; non-polar fats, oils and grease using EPA Method 1664A; PCBs using EPA Method 8082, and; total metals including arsenic, cadmium, chromium, copper, lead, nickel and zinc using EPA Methods 200.8 and 7470A. Coordinate the permitted discharge of this water at PSE's South King County Waste Management Facility in Kent, Washington.
5. Monitor the construction of five groundwater monitoring wells during and after remedial excavation. One of these wells was decommissioned to accommodate soil excavation.
6. Evaluate groundwater conditions after excavation activities were completed. Obtain four groundwater samples (MW-1 and MW-3 through MW-5) for chemical analysis of one or more of the following constituents: gasoline-range petroleum hydrocarbons using Ecology Method NWTPH-G; BETX using EPA Method 8021B; diesel- and heavy oil-range petroleum hydrocarbons using Ecology Method NWTPH-Dx; MTBE and EDC using EPA Method 8260B; EDB using EPA Method 8011; total and dissolved lead and arsenic using EPA Methods 6020 and 6010B, respectively; PCBs using EPA Method 8082, and; PAHs using EPA Method 8270SIM.
7. Evaluate soil and groundwater chemical analytical data relative to MTCA cleanup levels for unrestricted land use.

4.0 SITE CHARACTERIZATION

4.1 OVERVIEW

Site characterization activities were completed between September 2005 and January 2007 to evaluate the extent of contamination in soil and groundwater previously identified by SLR. This effort also identified contamination not previously encountered by SLR. In summary, GeoEngineers' site characterization efforts identified impacts related to three separate contamination sources (Figures 2, 3A and 3B). These sources are as follows:

1. Petroleum-related contamination apparently associated with the gasoline and diesel UST system near the former garage and shed.
2. Petroleum-related contamination apparently associated with the heating oil UST immediately north of the carpenter shop.
3. Metals-related contamination (arsenic and/or lead) in an area beneath and surrounding the garage and carpenter shop. Some of the lead-related contamination likely was associated with releases of leaded gasoline from the UST referenced above. The source of lead-related contamination in other portions of the site and all arsenic-related contamination was not identified.

4.2 EXPLORATION PROGRAM

GeoEngineers completed the site characterization activities during several phases of work. The primary phases of exploration were as follows:

- Seventeen direct-push borings were completed on September 22, 2005. The direct-push borings were completed by ESN Northwest (ESN).
- Forty-eight test pits were excavated by Wyser Construction (Wyser) between October 28, 2005 and January 29, 2007.

- Eight hand auger borings were completed by GeoEngineers between April 10, 2006 and May 17, 2006.
- Five groundwater monitoring wells were constructed by Cascade Drilling (Cascade) between April 13, 2006 and May 25, 2007.

Explorations were completed to depths ranging between approximately 0.5 foot and 16 feet below ground surface (bgs). Exploration locations are shown in Figures 3A and 3B. Logs for the explorations completed by GeoEngineers are included in Appendix A. Logs for the explorations completed by SLR are presented in Appendix B.

Exploratory excavations also were completed in March 2006 to locate two 500-gallon gasoline/diesel USTs beneath the garage. The results of these explorations confirmed reports that the two gasoline/diesel USTs were previously removed from this area.

During the course of site characterization activities, an undocumented heating oil UST (approximately 50-gallon capacity) was encountered near the northeast corner of the carpenter shop (Figure 3A). The UST appeared to be in good condition with minimal corrosion/rust and no visible holes with one exception. The joint connecting the product line to the bottom of the UST appeared to be corroded. UST removal and remedial excavation activities are described in Section 6.2.2 of this report.

4.3 SUBSURFACE CONDITIONS

4.3.1 Soil

Soil encountered during exploration activities generally consisted of a fill horizon of silty sand and gravel with wood and metal debris to a depth of approximately 3.0 to 5.0 feet bgs. Peat (native) was encountered beneath the fill at some locations in the western portion of the site. The thickness of the peat encountered ranged between approximately 1 foot and 4 feet. Sand and varying amounts of silt, gravel and clay were encountered beneath the peat, or beneath the fill at locations where peat was not present.

4.3.2 Groundwater

Prior to remedial activities, groundwater was encountered at depths ranging between about 1.5 and 3.5 feet bgs in direct-push soil borings observed by GeoEngineers. Groundwater flow direction was not evaluated at this time because the direct-push explorations were temporary probes that were not surveyed.

Monitoring wells MW-1 through MW-5 were constructed at the site between April 13, 2006 and May 25, 2007. Soil boring and monitoring well construction logs are presented in Appendix A. Monitoring well MW-2 was decommissioned on May 31, 2006 because the remedial excavation expanded into this area. The depth to groundwater was first measured in the four remaining monitoring wells on July 8, 2007, after the remedial excavation was successfully completed and backfilled. At this time, groundwater was observed in monitoring wells MW-1 and MW-3 through MW-5 at depths ranging from 2.07 feet bgs (MW-4) to 3.02 feet bgs (MW-1). The measured groundwater elevations and interpolated elevation contours are shown in Figure 4. Based on the July 8, 2007 measurements, groundwater appears to flow in a westerly direction, toward the White River.

4.4 SOIL ANALYTICAL RESULTS

Ninety-one soil samples were obtained for site characterization purposes and submitted for chemical analysis to North Creek Analytical (North Creek) in Bothell, Washington or OnSite Environmental, Inc.

(OnSite) in Redmond, Washington. The specific constituents tested and analytical methods used by the laboratories are described in Section 3.1.

The approximate lateral extent of the three types of soil contamination (gasoline/diesel-related, heating oil-related and metals-related) is shown in Figure 2. The locations of soil samples obtained for site characterization purposes are shown in Figures 3A and 3B. Chemical analytical results for these soil samples are presented in Tables 1 through 4. Copies of the laboratory reports are presented in Appendix C.

Soil analytical results obtained during this study were evaluated relative to MTCA Method A cleanup levels for unrestricted land use. If Method A values were not available, Method B values were used. Based on chemical analytical results, several constituents were detected at concentrations exceeding their respective MTCA cleanup levels. These exceedances are shown in Figures 3A and 3B, and are described below.

4.4.1 Gasoline/Diesel UST Area

Gasoline-, diesel-, and heavy oil-range petroleum hydrocarbons, benzene, ethylbenzene, xylenes, lead, naphthalenes and/or carcinogenic polycyclic aromatic hydrocarbons (cPAHs) were detected in some soil samples at concentrations exceeding their respective MTCA cleanup levels (Tables 1 through 4) at depths ranging between about 0.5 and 5.0 feet bgs. Figures 3A and 3B show the locations of soil samples collected to evaluate the gasoline/diesel-related contamination. These figures also highlight those samples in which petroleum hydrocarbon concentrations exceeded MTCA cleanup levels.

4.4.2 Heating Oil UST Area

One soil sample (UST-2-3.5) was obtained from beneath the former heating oil UST at a depth of approximately 3.5 feet bgs (Figure 3A). This sample was submitted for analysis of petroleum-related constituents and PCBs (Tables 1, 2, 3 and 4). Diesel-range hydrocarbons and lead were detected at concentrations exceeding MTCA Method A cleanup levels in this sample.

Solid material was observed in the bottom of the heating oil UST. One sample (UST-1) of this material was collected and submitted for petroleum hydrocarbon identification, followed by quantification of diesel- and heavy oil-range hydrocarbons (Table 1). Based on the quantification this material contained 3,500 mg/kg heavy oil-range hydrocarbons and 1,800 mg/kg diesel-range hydrocarbons. The sample also was submitted for analysis of PCBs (Table 1). PCBs were detected in the sample at a concentration of 1.4 milligrams per kilogram (mg/kg). Analytical results are not compared to MTCA cleanup levels because this is not a soil sample.

4.4.3 Area Impacted by Metals

Lead and/or arsenic were detected in some soil samples at concentrations exceeding their respective MTCA Method A cleanup levels (Table 2). These analytes exceeded their respective cleanup levels at depths ranging between about 0.5 and 5.0 feet bgs. Figures 3A and 3B show the locations of soil samples collected to evaluate the extent of metals in soil at the site. These figures also highlight those samples in which metals concentrations exceeded MTCA cleanup levels. Please note that the area of metals contamination extends into the petroleum-contaminated areas (USTs).

4.5 GROUNDWATER ANALYTICAL RESULTS

Prior to remedial activities, SLR collected one groundwater sample (GP5/TW) from a direct-push exploration at the location shown in Figure 4. GeoEngineers collected four additional groundwater samples (GEI-1 and GEI-3 through GEI-5) from direct-push explorations. These groundwater samples were collected from the vicinity of the former gasoline/diesel USTs, and submitted for chemical analysis of petroleum-related contamination and/or PCBs. Groundwater chemical analytical results are presented in Tables 5 and 6. Copies of the laboratory reports are presented in Appendix C.

Gasoline- and diesel-range hydrocarbons, benzene, lead, naphthalenes and/or cPAHs were detected at concentrations exceeding their respective MTCA cleanup levels in two groundwater samples (GP5/TW and GEI-1) collected from the direct-push explorations. These explorations were located near the former gasoline/diesel USTs. Other analytes either were not detected or were detected at concentrations less than their respective MTCA cleanup levels in the groundwater samples collected from direct-push explorations. Figure 4 shows the locations of groundwater samples collected.

Groundwater samples were collected from four monitoring wells (MW-1 and MW-3 through MW-5) on July 8, 2007, after remedial excavation activities were completed. Groundwater sampling procedures are described in Appendix A. These samples were submitted for chemical analysis of petroleum-related contamination, including common gasoline additives (Tables 5 and 6). The samples also were analyzed for arsenic and PCBs. Arsenic was the only constituent detected. The detected arsenic concentrations were less than the MTCA Method A cleanup level.

5.0 REMEDIAL PLANNING AND PREPARATION

5.1 LEAD AND ASBESTOS SURVEY

Prior to demolition activities, Pacific Rim Environmental, Inc. (PRE) completed a lead and asbestos survey of the garage on October 20, 2005 and carpenter shop on August 8, 2006. Copies of PRE's reports, "Asbestos Survey and Lead Based Paint Survey, White River Garage," dated October 24, 2005 and "Asbestos Survey and TCLP Sample for Lead, White River Carpenter Shop," dated August 23, 2006 are included in Appendix D. Based on the reports, PRE observed lead and asbestos-containing materials in both the garage and carpenter shop. Lead and asbestos-containing materials were abated by Performance Abatement Services (PAS) of Seattle, Washington prior to the demolition of these structures. Abatement reports are on file at PSE.

5.2 PERMITS

The City of Sumner issued a land use permit (number PLN2005-00093) to PSE on December 20, 2005 and a building demolition permit (number BLD2005-00221) on March 2, 2006. The land use permit (PLN2005-00093) was amended on October 3, 2006 to include supplemental demolition and cleanup activities associated with the carpenter shop. A UST removal permit (number BLD2005-00137) was issued to PSE on February 2, 2006 by Tacoma Pierce County Health Department (TPCHD). Copies of these permits are presented in Appendix E. Site activities were completed in accordance with these permits and subsequent discussions with representatives of the City of Sumner and TPCHD. The heating oil UST was removed when it was discovered under the previously existing UST removal permit (BLD2005-00137) after receiving the concurrence of Rob Olsen of TPCHD.

TPCHD issued Waste Disposal Authorization (WDA) No. 963 to PSE on January 11, 2006 for the disposal of soil generated during remedial excavation activities. This WDA provided authorization for the disposal of up to 2,200 tons of soil at Land Recovery, Inc.'s (LRI) Landfill located in Graham,

Washington. On June 2, 2006 WDA No. 963 was amended to WDA No. 963B. The amended WDA allowed disposal of up to 3,200 tons of soil. On August 2, 2006 WDA No. 963B was again amended (WDA No. 963C) to allow the disposal of up to 4,200 tons of soil. The amended WDA's were issued to allow the disposal of progressively increasing volumes of contaminated soil as it was encountered at the site. Copies of the WDAs are included in Appendix E.

Waste Management issued disposal authorization No. 61410 to PSE on May 5, 2006 to authorize disposal of dangerous waste at Waste Management's Subtitle C landfill located in Arlington, Oregon. A copy of the disposal authorization is presented in Appendix E.

6.0 REMEDIAL EXCAVATION ACTIVITIES

6.1 GENERAL

PSE conducted remedial excavation activities at the site between March 2006 and February 2007 to remove soil containing hazardous substances at concentrations exceeding MTCA cleanup levels (Figures 3A, 3B, 5A and 5B). Prior to beginning remedial excavation activities, Wyser removed the garage structure and storage shed that housed the fuel dispenser in March 2006, and the carpenter shop in December 2006.

Iterative episodes of excavation were completed to remove contaminated soil from the site. GeoEngineers evaluated the extent of contaminated soil during excavation activities using field screening and/or chemical analytical techniques. Soil excavation was terminated when confirmation soil samples obtained from the excavation limits indicated that contaminant concentrations were less than MTCA cleanup levels for unrestricted land use. At some locations, soil samples collected during site characterization activities were used as "final confirmation samples." In such cases, the excavation limits were extended to the location of the previously collected samples. The confirmation soil samples were submitted for chemical analysis of petroleum hydrocarbons, BETX, carcinogenic and non-carcinogenic PAHs, PCBs, lead and/or arsenic. The final limits of the remedial excavation and confirmation soil sample locations are presented in Figures 5A and 5B.

A total of approximately 2,210 cubic yards (3,317 tons) of soil was excavated at the site. Approximately 2,200 cubic yards (3,300 tons) of this soil was transported off-site for permitted disposal at the landfill facility operated by Land Recovery Inc. (LRI) in Graham, Washington. Approximately 10 cubic yards (17 tons) of the soil was characterized as dangerous waste and transported off-site for permitted disposal at the Subtitle C landfill facility operated by Waste Management in Arlington, Oregon.

Chemical analytical results and field screening data for soil samples obtained during remedial excavation activities are summarized in Tables 7 through 10. Field screening and soil sampling procedures are described in Appendix A. Copies of the chemical analytical data and our review of the laboratory quality control (QC) data are provided in Appendix C. Tipping receipts documenting delivery of contaminated soil to the landfill facilities are presented in Appendix F.

6.2 EXCAVATION AND CONFIRMATION SAMPLING DETAILS

6.2.1 Gasoline/Diesel UST Area

Petroleum-contaminated soil in the vicinity of the gasoline/diesel USTs was excavated during March and May 2006. The final limits of the excavation and confirmation soil sample locations are presented in Figure 5B. Approximately 300 cubic yards of contaminated soil were excavated from this area.

Confirmation soil samples obtained from this portion of the excavation were submitted for analysis of petroleum hydrocarbons, BETX, PAHs and/or lead. Some of the samples were also tested for arsenic due to the presence of arsenic in other portions of the site. Analytical results for confirmation soil samples obtained in this area (Tables 7 through 10 and Figure 5B) indicate that concentrations of these constituents at the final limits of the excavation do not exceed MTCA cleanup levels for unrestricted land use.

6.2.2 Heating Oil UST Area

Petroleum-contaminated soil in the vicinity of the heating oil UST was excavated between June 2006 and February 2007. The final limits of the excavation and confirmation soil sample locations are presented in Figure 5A. Approximately 100 cubic yards of contaminated soil were excavated from this area. Prior to excavation activities in this area, Wyser arranged for the contents of the UST to be removed and the tank to be flushed by Marine Vacuum (MarVac). The contents of the UST (sludge and water) were transferred to MarVac's facility in Seattle, Washington for recycling. Tipping receipts documenting delivery of the UST contents to MarVac's facility are presented in Appendix F. Wyser also arranged for Sound Testing to inert the UST prior to pumping and flushing the contents.

Confirmation soil samples obtained from this portion of the excavation were submitted for analysis of petroleum hydrocarbons, BETX, PAHs and/or PCBs. Some of the samples were also tested for arsenic and lead due to the presence of these constituents in other portions of the site. Analytical results for confirmation soil samples (Tables 7 through 10 and Figure 5A) indicate that concentrations of these constituents at the final limits of the excavation do not exceed MTCA cleanup levels for unrestricted land use.

Confirmation soil sample EX-99-0.5 (Figure 5A) collected from this area also was submitted for analysis of VOCs because a floor drain was present at this location in the floor of the carpenter shop. VOCs either were not detected or were detected at concentrations less than MTCA cleanup levels in sample EX-99-0.5 (see footnote #8 in Table 7).

6.2.3 Area Impacted by Metals

Metals-contaminated soil was excavated between March 2006 and February 2007. The final limits of the excavation and confirmation soil sample locations are presented in Figures 5A and 5B. Approximately 1,800 cubic yards of contaminated soil were excavated from this area.

Confirmation soil samples obtained from this portion of the excavation were submitted for analysis of arsenic and/or lead. Analytical results for confirmation soil samples (Table 8 and Figures 5A and 5B) indicate that arsenic and lead concentrations at the final limits of the excavation do not exceed MTCA cleanup levels for unrestricted land use.

Some confirmation soil samples within the area of metals contamination also were submitted for analysis of petroleum hydrocarbons, VOCs, PCBs, and/or PAHs to evaluate potential impacts related to a septic tank and drain field (Tables 7 through 10 and Figures 5A and 5B). These analytes were not detected at concentrations exceeding MTCA cleanup levels in the samples tested.

6.3 DANGEROUS WASTE CHARACTERIZATION AND MANAGEMENT

Several soil samples were submitted for TCLP analysis of lead and/or arsenic to evaluate whether excavated soil in one area would designate as dangerous waste based on the toxicity characteristic. This

testing was performed on samples obtained prior to, and during excavation activities utilizing (1) discrete in-place soil samples, (2) composite samples produced by combining discrete in-place soil samples, and (3) discrete stockpile samples (Table 11). In-place samples that were submitted for TCLP analysis contained elevated concentrations of total lead and/or arsenic.

TCLP analytical results for in-place soil samples were less than the dangerous waste threshold for the toxicity characteristic. However, due to the particularly high concentration of total lead (6,300 mg/kg) in sample GEI-8-1.0, soil excavated from this area was segregated and stored in a metal container for subsequent TCLP testing. Two "stockpile" soil samples (SC-1 and SC-2) were obtained from this container and submitted for TCLP analysis of lead. The concentration of lead in the TCLP extract was less than the dangerous waste threshold. Soil in this container was transported to LRI for disposal at the Subtitle D landfill facility.

During excavation activities, total lead was detected at a concentration of 11,000 mg/kg in a confirmation soil sample (EX-8-2.5) collected from the southeastern portion of the metals contamination area (Figure 5B). Soil in the vicinity of this sample was overexcavated and stored separately in a metal container. Two soil samples (SC-3 and SC-4) were obtained from this container and submitted for TCLP analysis of lead. Lead was detected at a concentration of 25.1 milligrams per liter (mg/l) in the TCLP extract for sample SC-3, which exceeds the threshold for the toxicity characteristic. The analytical result for sample SC-4 did not exceed the dangerous waste threshold. Based on the analytical results for sample SC-3, all of the soil in this container was designated as dangerous waste (D008) and transported off-site for permitted disposal at Waste Management's Subtitle C landfill facility in Arlington, Oregon. This waste was managed under U.S. EPA Generator Number WAD982659385, which is PSE's generator number for the White River power plant facility. The waste manifest for this shipment is presented in Appendix F. The total tonnage of dangerous waste transported under this manifest was 16.93.

Several soil samples also were submitted for analysis of pH to evaluate whether excavated soil in this area would designate as a dangerous waste based on the corrosivity characteristic (Table 11). The testing was conducted on (1) a composite sample (Comp-2) produced by combining discrete in-place soil samples, and (2) discrete stockpile samples (SC-3 and SC-4). Based on analytical results, soil characterized by these samples did not designate as a dangerous based on the corrosivity characteristic. Soil characterized by these three samples was handled and disposed of as described above.

The soil segregation and sampling strategy utilized at the site to designate and manage dangerous waste during this project was developed with the participation and concurrence of Andy Comstock at TPCHD.

6.4 EXCAVATION DEWATERING

Groundwater was encountered in the excavation at depths ranging between approximately 1.5 feet to 3.5 feet bgs. Groundwater was removed directly from the excavation to facilitate the removal of soil below the groundwater table. Wyser pumped the groundwater into two 21,000-gallon Baker tanks, connected in series. The first Baker tank contained baffles to remove fine sediment. The second Baker tank was used for temporary storage until chemical analyses indicated the water was suitable for permitted disposal. A third Baker tank was later added to provide additional storage capacity. The dewatering process successfully removed water from the excavation and enabled the removal of contaminated soil from below the groundwater table.

A total of 18 water samples were collected from the Baker tanks and analyzed for the constituents specified in the discharge permit for PSE's South King County Waste Management Facility (SKC-WMF)

(Table 12). The analytical results indicated that the water was suitable for discharge at PSE's SKC-WMF under the existing permit.

A total of approximately 271,000 gallons of groundwater was removed from the excavations. MarVac transferred this water to PSE's SKC-WMF for permitted discharge to the sewer under King County waste water discharge permit number 7702-01.

6.5 SOIL STOCKPILE SAMPLING

PCBs were detected in one of the Baker tank water samples (BT-8-052206; Table 12). The concentration of PCBs detected in this sample was less than the disposal criteria specified in PSE's discharge permit. As a result of this analytical result, PSE decided to evaluate whether PCBs were present in stockpiled soil that was removed from the same area where the excavation water was derived. Three soil samples (SP-1 through SP-3) were obtained from the soil stockpile and submitted for analysis of PCBs for disposal characterization purposes. PCBs were detected at a concentration of 0.068 mg/kg in one sample, and not detected in the other two samples (Table 8).

7.0 EXCAVATION BACKFILL AND SITE RESPIRATION

The remedial excavation was backfilled approximately to original grade. Quarry spalls were placed in the bottom of the excavation and covered with geotextile fabric. Clean imported sand and gravel fill was placed on top of the geotextile fabric and compacted using a vibrating plate mounted on an excavator arm. Most backfilled areas were surfaced with approximately 6 inches of crushed rock to enable vehicle driving and parking. Disturbed areas that were initially landscaped were restored with approximately 6 inches of topsoil and hydroseeded. GeoEngineers was not present during backfilling and site restoration activities.

8.0 CONCLUSIONS

Based on field screening and chemical analytical results, it is our opinion that all known soil containing hazardous substances at concentrations exceeding MTCA cleanup levels for unrestricted land use has been successfully removed from the site. It also is our opinion that no further remedial action is needed to address contaminated soil identified at the site.

The first post-remediation groundwater sampling event indicates that groundwater beneath the site does not contain contaminants at concentrations exceeding applicable MTCA cleanup levels. We recommend completing a minimum of three additional groundwater monitoring events to further document the success of the cleanup action. The results of these groundwater monitoring events should be compiled in a final groundwater monitoring report.

9.0 LIMITATIONS

We have prepared this report for the exclusive use of Puget Sound Energy, their authorized agents and regulatory agencies. No other party may rely on the product of our services unless we agree in advance and in writing to such reliance. This is to provide our firm with reasonable protection against open-ended liability claims by third parties with whom there would otherwise be no contractual limits to their actions.

Our interpretation of soil conditions for this study is based on field observations, field screening and chemical analysis of a limited number of widely spaced soil samples. It is always possible that contamination not identified by our study exists in soil that was not sampled or analyzed.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with our general agreement with PSE (Contract No. 4600001763) and with generally accepted environmental

science practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

Any electronic form of this document (email, text, table, and/or figure), if provided, and any attachments are only a copy of a master document. The master hard copy is stored by GeoEngineers, Inc. and will serve as the official document of record.

Please refer to Appendix G titled "Report Limitations and Guidelines for Use" for additional information pertaining to the use of this report.

TABLE 1
 SITE CHARACTERIZATION SOIL CHEMICAL ANALYTICAL DATA
 PETROLEUM HYDROCARBONS, VOLATILES and PCBs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Field Screening Results ²		Hydrocarbon ³ Identification	Petroleum Hydrocarbons ⁴ (mg/kg)			Volatile Organic Compounds ⁵ (mg/kg)					HVOCS ⁶ (mg/kg)	MTBE ⁷ (mg/kg)	EDB ⁶ (mg/kg)	EDC ⁹ (mg/kg)	PCBs ¹⁰ (mg/kg)
			Headspace Vapors (ppm)	Sheen		Gasoline Range	Diesel Range	Heavy Oil Range	Benzene	Ethylbenzene	Toluene	Xylenes						
Gasoline/Diesel UST Area - SLR																		
GP2-2.0 ¹¹	2.0	07/19/05	9.7	--	--	--	300	<280	--	--	--	--	--	--	--	--	--	--
GP3-2.5 ¹¹	2.5	07/19/05	1.1	--	--	--	720	1,400	--	--	--	--	--	--	--	--	--	--
GP5-1.5	1.5	07/19/05	63	--	--	13	--	--	0.04	0.09	0.07	0.16	--	--	--	--	--	--
GP6-1.5	1.5	07/19/05	9.2	--	--	--	190	340	--	--	--	--	--	--	--	--	--	--
GP17-1.5	1.5	07/20/05	1,079	--	--	820	1,100	11,000	3.4	20	0.8	86	--	--	--	--	--	--
Gasoline/Diesel UST Area - GeoEngineers																		
GE1-2.5	2.5	09/21/05	49.2	MS	--	746	1,810	257	1.27	3.65	0.02821	6.49	ND ³	<0.500	<0.100	<0.100	<1.0	
GE1-7.5	7.5	09/21/05	2.1	NS	--	14.2 ¹²	66.5	76.3	<0.0890	0.0363 ¹²	0.0178 ¹²	0.128 ¹²	--	--	--	--	--	
GE1-2-5.0	5	09/21/05	<1	NS	--	13.1 ¹²	<23.5	<59.8	<0.119	0.0330 ¹²	0.0163 ¹²	0.112 ¹²	--	--	--	--	--	
GE1-3-5.0	5.0	09/21/05	<1	NS	--	13.4 ¹²	<59.2	<148	<0.343	0.0732 ¹²	0.0406 ¹²	0.161 ¹²	--	--	--	--	--	
GE1-4-5.0	5.0	09/21/05	<1	NS	--	6.36 ¹²	<38.5	<90.2	<0.218	0.0364 ¹²	0.0345 ¹²	0.112 ¹²	--	--	--	--	--	
GE1-5-5.0	5.0	09/21/05	<1	NS	--	8.33 ¹²	<49.8	<124	<0.288	0.0432 ¹²	0.0471 ¹²	0.134 ¹²	--	--	--	--	--	
GE1-6-5.0	5.0	09/22/05	17.5	HS	--	39.3	40.9	85.8	<0.6300	0.0127 ¹²	0.00813 ¹²	0.113	--	--	--	--	--	
GE1-6-7.5	7.5	09/22/05	<1	NS	--	2.4	<10.0	<25.0	<0.0547	0.00354 ¹²	0.00517 ¹²	0.0186 ¹²	--	--	--	--	--	
GE1-7-1.5	1.5	09/22/05	14.3	SS	--	20	<10.0	<25.0	<0.0300	0.00409 ¹²	0.00394 ¹²	0.0636 ¹²	--	--	--	--	--	
GE1-7-5.0	5.0	09/22/05	2.4	NS	--	34.7	59	319	<0.158	0.0177 ¹²	0.0741 ¹²	0.227 ¹²	--	--	--	--	--	
GE1-8-1.0	1.0	09/22/05	249	MS	--	1,140	2,220	2,970	3.87	59.2	1.86 ¹²	170	ND ³	<0.500	<0.100	<0.100	<1.0	
GE1-8-7.5	7.5	09/22/05	2.0	NS	--	0.963 ¹²	<10.0	<25.0	<0.0334	0.00420 ¹²	0.00551 ¹²	0.0210 ¹²	--	--	--	--	--	
GE1-9-2.5	2.5	09/22/05	4.3	NS	--	0.958 ¹²	<10.0	<25.0	<0.0254	0.00483 ¹²	0.0135 ¹²	0.0314 ¹²	--	--	--	--	--	
GE1-10-2.5	2.5	09/22/05	<1	NS	--	5.95	<10.0	25.4	0.0170 ¹²	0.0233 ¹²	0.0264 ¹²	0.217	--	--	--	--	--	
GE1-11-2.5	2.5	09/22/05	<1	MS	--	1.25 ¹²	605	152	<0.0300	0.00425 ¹²	0.00358 ¹²	<0.100	--	--	--	--	--	
GE1-17-2.5	2.5	09/22/05	111	MS	--	134	1,650	2,610	<0.0300	0.0338 ¹²	<0.0500	0.159	--	--	--	--	--	
GE1-17-3.0	3.0	09/22/05	<1	NS	--	1.11	178	310	0.0491 ¹²	0.0659 ¹²	0.0771 ¹²	0.210 ¹²	--	--	--	--	--	
Heating Oil Area UST - GeoEngineers																		
UST-1 ¹⁴	NA	05/30/05	--	--	DR/HO	--	1,800	3,980	--	--	--	--	--	--	--	--	--	1.4 ¹⁴
UST-2-3.5	3.5	05/31/05	--	HS	--	--	3,300	1,800	<0.0072	0.003	0.0013	0.0241	ND ³	<0.0012	<0.0012	<0.0012	0.094	
TP-47-0.5	0.5	01/29/07	--	MS	--	--	120	380	--	--	--	--	--	--	--	--	--	--
TP-47-2.5	2.5	01/29/07	--	NS	--	--	<32	<84	--	--	--	--	--	--	--	--	--	--
TP-48-0.5	0.5	01/29/07	--	HS	--	--	170	430	--	--	--	--	--	--	--	--	--	--
TP-48-2.5	2.5	01/29/07	--	NS	--	--	<33	<85	--	--	--	--	--	--	--	--	--	--
TP-48-0.5	0.5	01/29/07	--	NS	--	--	<0.31	<0.63	--	--	--	--	--	--	--	--	--	--
TP-48-2.5	2.5	01/29/07	--	NS	--	--	<36	<71	--	--	--	--	--	--	--	--	--	--
TP-50-0.5	0.5	01/29/07	--	HS	--	--	1,800	780	--	--	--	--	--	--	--	--	--	--
TP-50-2.5	2.5	01/29/07	--	NS	--	--	<89	<180	--	--	--	--	--	--	--	--	--	--
TP-51-0.5	0.5	01/29/07	--	NS	--	--	<140	<280	--	--	--	--	--	--	--	--	--	--
TP-51-2.5	2.5	01/29/07	--	NS	--	--	<32	<63	--	--	--	--	--	--	--	--	--	--
MTC A Method A Cleanup Level ¹⁵																		
					NA	30	2,000	2,000	0.03	8.0	7.0	9.0	varies	0.1	0.005	110 ¹⁶	1	

TABLE 1
 SITE CHARACTERIZATION SOIL CHEMICAL ANALYTICAL DATA
 PETROLEUM HYDROCARBONS, VOLATILES and PCBs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Notes:

- ¹The approximate exploration locations are shown on Figure 3A and 3B.
 - ²A description of field screening methods is presented in Appendix A.
 - ³Petroleum hydrocarbon identification analyzed using Ecology Method NMTPH-HCID.
 - ⁴Petroleum hydrocarbons analyzed using Ecology Method NMTPH-Gx and/or NMTPH-Dx with acid-silica gel cleanup.
 - ⁵Benzene, ethylbenzene, toluene and xylenes analyzed using EPA Method 8021B and EPA Method 8260B.
 - ⁶Highly volatile organic compounds analyzed using EPA Method 8260B. The full list of VOCs analyzed is detailed in the chemical analytical data presented in Appendix C.
 - ⁷Methyl tertiary butyl ether analyzed using EPA Method 8260B.
 - ⁸1,2-Dibromobenzene analyzed using EPA Method 8260B.
 - ⁹Polychlorinated biphenyls analyzed using EPA Method 8082.
 - ¹⁰Sample analyzed for pesticides using GC/ECD Method SW8061A and herbicides using GC/ECD Method SW8151A. Pesticides and herbicides were not detected in these samples.
 - ¹¹This value is reported by the laboratory as an estimate.
 - ¹²The full list of HVOCs analyzed is detailed in the chemical analytical data presented in Appendix C.
 - ¹³Sample of solids accumulated at the bottom of the LUST obtained to characterize product within the LUST. Analytical results are not compared to the MTCA cleanup level for PCBs because this is not a soil sample.
 - ¹⁴Cleanup level for unrestricted land use.
 - ¹⁵MTCA Method B cleanup level.
 - bg/s = below ground surface.
 - ppm = parts per million.
 - mg/kg = milligrams per kilogram
 - NS=no sheen, SS=slight sheen, MS=moderate sheen, HS=heavy sheen.
 - "N/A" = not analyzed.
 - NA = Not applicable.
 - ND = Not detected.
 - DRO = Diesel-range organics detected.
 - HO = Heavy oil-range organics detected.
 - MTCA = Model Toxics Control Act
- Chemical analyses performed by North Creek Analytical of Bothell, Washington or On-Site Environmental of Redmond, Washington (GeoEngineers' samples) or Friedman & Bruya of Seattle, Washington. (SLR's samples). Refer to the laboratory reports for the full list of analytes tested.
- Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA cleanup level.

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TABLE 2
SITE CHARACTERIZATION SOIL CHEMICAL ANALYTICAL DATA
METALS
PSE WHITE RIVER POWER PLANT
SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Total Metals ² (mg/kg)								
			Lead	Arsenic	Barium	Cadmium	Total Chromium	Hexavalent Chromium	Selenium	Silver	Mercury
Gasoline/Diesel UST Area - GeoEngineers											
GEI-1-2.5	2.5	08/21/05	4.32 ³	--	--	--	--	--	--	--	--
GEI-7-1.5	1.5	08/22/05	2.89	--	--	--	--	--	--	--	--
GEI-7-5.0	5.0	08/22/05	8.22 ³	--	--	--	--	--	--	--	--
GEI-8-1.0	1.0	08/22/05	16.300 ³	--	--	--	--	--	--	--	--
GEI-9-2.5	2.5	08/22/05	4.17	--	--	--	--	--	--	--	--
GEI-9-5.0	5.0	08/22/05	2.22	--	--	--	--	--	--	--	--
GEI-11-2.5	2.5	08/22/05	3.27	--	--	--	--	--	--	--	--
GEI-17-2.5	2.5	08/22/05	5.45 ³	--	--	--	--	--	--	--	--
GEI-17-5.0	5.0	08/22/05	8.42 ³	--	--	--	--	--	--	--	--
TP-29-0.5	0.5	05/09/08	--	3.88	--	--	--	--	--	--	--
TP-29-2.5	2.5	05/09/08	25.4	4.93	--	--	--	--	--	--	--
TP-29-4.0	4.0	05/09/08	2.37	8.82	--	--	--	--	--	--	--
TP-40-2.5	2.5	05/17/08	14	<14	--	--	--	--	--	--	--
TP-41-0.5	0.5	05/17/08	45	<14	--	--	--	--	--	--	--
TP-42-2.5	2.5	05/17/08	<5.7	<11	--	--	--	--	--	--	--
Area Impacted by Metals - SLR											
GP1-3.5-4	3.5-4.0	07/18/05	<2.0	<7.0	35	<1.0	14	--	<10	<1.0	<0.09
GP4-2.5	2.5	07/18/05	270	18	91	<1.0	17	--	<10	<1.0	0.08
GP15-1.5	1.5	07/20/05	29	<7.0	120	<1.0	8.6	--	<10	<1.0	0.07
GP16-1.5	1.5	07/20/05	120	<7.0	77	<1.0	7.7	--	<10	<1.0	0.06
Area Impacted by Metals - GeoEngineers											
GEI-13-0.5	0.5	08/22/05	61.5	--	--	--	--	--	--	--	--
GEI-13-2.5	2.5	08/22/05	2.980 ³	--	--	--	--	--	--	--	--
GEI-13-5.0	5.0	08/22/05	6.26	--	--	--	--	--	--	--	--
GEI-14-0.5	0.5	08/22/05	14.6	--	--	--	--	--	--	--	--
GEI-14-2.5	2.5	08/22/05	5.03	--	--	--	--	--	--	--	--
GEI-14-5.0	5.0	08/22/05	8.21	--	--	--	--	--	--	--	--
GEI-15-0.5	0.5	08/22/05	141	--	--	--	--	--	--	--	--
GEI-15-2.5	2.5	08/22/05	87.3	--	--	--	--	--	--	--	--
GEI-15-5.0	5.0	08/22/05	58.1	--	--	--	--	--	--	--	--
GEI-18-0.5	0.5	08/22/05	321 ³	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Level⁵											
			250	20	16,000 ⁶	2.0	2,000	19	400 ⁶	400 ⁶	2.0
Area Impacted by Metals - GeoEngineers											
GEI-16-2.5	2.5	08/22/05	10.3	--	--	--	--	--	--	--	--
GEI-16-5.0	5.0	08/22/05	3.89	--	--	--	--	--	--	--	--
TP4-1-0.5	0.5	10/28/05	44.5	--	--	--	--	--	--	--	--
TP4-2-2.5	2.5	10/28/05	3,840 ³	--	--	--	--	--	--	--	--
TP4-3-5.0	3.5	10/28/05	83.3	--	--	--	--	--	--	--	--
TP5-1-0.5	0.5	10/28/05	83.4	--	--	--	--	--	--	--	--
TP5-2-2.5	2.5	10/28/05	16.6	2.63	--	--	--	--	--	--	--
TP5-3-5.0	5.0	10/28/05	7.43	1.64	--	--	--	--	--	--	--
TP-6-0.5	0.5	03/24/08	143	5.04	--	--	--	--	--	--	--
TP-6-2.5	2.5	03/24/08	23.0	--	--	--	--	--	--	--	--
TP-6-5.0	5.0	03/24/08	3.57	--	--	--	--	--	--	--	--
TP-7-0.5	0.5	03/24/08	345	--	--	--	--	--	--	--	--
TP-7-2.5	2.5	03/24/08	94.5	--	--	--	--	--	--	--	--
TP-7-5.0	5.0	03/24/08	26.1	--	--	--	--	--	--	--	--
TP-8-0.5	0.5	03/24/08	424	--	--	--	--	--	--	--	--
TP-8-2.5	2.5	03/24/08	29.4	3.13	--	--	--	--	--	--	--
TP-8-5.0	5.0	03/24/08	2.55	--	--	--	--	--	--	--	--
TP-9-0.5	0.5	03/24/08	198	--	--	--	--	--	--	--	--
TP-9-2.5	2.5	03/24/08	195	31.0 ³	--	--	--	--	--	--	--
TP-9-5.0	5.0	03/24/08	69.3	--	--	--	--	--	--	--	--
TP-10-0.5	0.5	03/24/08	66.0	--	--	--	--	--	--	--	--
TP-10-2.5	2.5	03/24/08	3.76	--	--	--	--	--	--	--	--
TP-10-5.0	5.0	03/24/08	10.5	--	--	--	--	--	--	--	--
TP-11-0.5	0.5	03/24/08	89.7	5.40	--	--	--	--	--	--	--
TP-11-2.5	2.5	03/24/08	3.58	2.18	--	--	--	--	--	--	--
TP-11-5.0	5.0	03/24/08	24.3	--	--	--	--	--	--	--	--
TP-12-0.5	0.5	03/24/08	451	75.2	63.5	0.468	14.6	--	<0.588	<0.588	0.0578
TP-12-2.5	2.5	03/24/08	3.60	2.31	--	--	--	--	--	--	--
TP-12-5.0	5.0	03/24/08	41.3	--	--	--	--	--	--	--	--
TP-13-0.5	0.5	03/24/08	145	3.12	--	--	--	--	--	--	--
TP-13-2.5	2.5	03/24/08	68.5	--	--	--	--	--	--	--	--
TP-13-5.0	5.0	03/24/08	14.0	--	--	--	--	--	--	--	--
TP-13-5.0	5.0	03/24/08	1.20	1.80	--	--	--	--	--	--	--
TP-14-0.5	0.5	03/24/08	854	42.8	--	--	--	--	--	--	--
TP-14-2.5	2.5	03/24/08	11.2	2.79	--	--	--	--	--	--	--
TP-14-5.0	5.0	03/24/08	6.33	--	--	--	--	--	--	--	--
TP-15-2.5	2.5	04/28/08	--	21.3	--	--	--	--	--	--	--
TP-15-4.0	4.0	04/28/08	2.70	8.72	--	--	--	--	--	--	--
TP-18-0.5	0.5	04/28/08	--	6.02	--	--	--	--	--	--	--
MTCA Method A Cleanup Level⁵											
			250	20	16,000 ⁶	2.0	2,000	19	400 ⁶	400 ⁶	2.0

TABLE 2
 SITE CHARACTERIZATION SOIL CHEMICAL ANALYTICAL DATA
 METALS
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Total Metals ² (mg/kg)								
			Lead	Arsenic	Barium	Cadmium	Total Chromium	Hexavalent Chromium	Selenium	Silver	Mercury
Area Impacted by Metals - GeoEngineers											
TP-15-2.5	2.5	04/28/06	--	8.63	--	--	--	--	--	--	--
TP-16-4.0	4.0	04/28/06	21.2	32.3	99.6	0.632	36.2	<6.0	<3.47	<3.47	<0.229
TP-16-5.0	5.0	05/19/06	<31	34	--	--	--	--	--	--	--
TP-16-6.0	6.0	05/31/06	<7.2	<14	--	--	--	--	--	--	--
TP-17-0.5	0.5	04/28/06	112	11.8	--	--	--	--	--	--	--
TP-17-2.5	2.5	04/28/06	--	2.56	--	--	--	--	--	--	--
TP-17-4.0	4.0	04/28/06	--	5.95	--	--	--	--	--	--	--
TP-18-0.5	0.5	04/28/06	--	216	--	--	--	--	--	--	--
TP-18-2.5	2.5	04/28/06	266	327	226	1.39	29.1	<1.2	<0.560	0.346	0.0791
TP-18-4.0	4.0	05/18/06	<33	37	--	--	--	--	--	--	--
TP-18-5.0	5.0	05/26/06	<42	37	--	--	--	--	--	--	--
TP-18-6.0	6.0	05/31/06	<7.0	<14	--	--	--	--	--	--	--
TP-19-0.5	0.5	05/03/06	73.9	6.47	--	--	--	--	--	--	--
TP-19-2.5	2.5	05/03/06	--	7.69	--	--	--	--	--	--	--
TP-20-0.5	0.5	05/03/06	--	42.7	--	--	--	--	--	--	--
TP-20-2.5	2.5	05/03/06	3.89	2.80	--	--	--	--	--	--	--
TP-21-0.5	0.5	05/03/06	158	137	159	1.84	53.8	<1.1	<0.540	0.652	0.289
TP-21-2.5	2.5	05/03/06	23.7	4.20	--	--	--	--	--	--	--
TP-22-0.5	0.5	05/03/06	--	39.8	--	--	--	--	--	--	--
TP-22-2.5	2.5	05/03/06	--	39.0	--	--	--	--	--	--	--
TP-22-4.0	4.0	05/03/06	14.0	12.8	--	--	--	--	--	--	--
TP-23-0.5	0.5	05/03/06	22.1	6.78	--	--	--	--	--	--	--
TP-23-2.0	2.0	05/03/06	35.6	2.62	--	--	--	--	--	--	--
TP-24-0.5	0.5	05/03/06	--	54.1	--	--	--	--	--	--	--
TP-24-2.5	2.5	05/03/06	17.8	6.59	--	--	--	--	--	--	--
TP-25-0.5	0.5	05/03/06	--	53.2	--	--	--	--	--	--	--
TP-25-2.5	2.5	05/03/06	5.16	6.45	--	--	--	--	--	--	--
TP-26-0.5	0.5	05/03/06	--	25.6	--	--	--	--	--	--	--
TP-26-2.5	2.5	05/03/06	--	14.1	--	--	--	--	--	--	--
TP-26-4.0	4.0	05/03/06	18.3	30.9	48.7	<0.372	10.6	--	<3.72	<3.72	<0.242
TP-26-5.0	5.0	05/23/06	<8.6	20	--	--	--	--	--	--	--
TP-27-0.5	0.5	05/03/06	120	29.8	--	--	--	--	--	--	--
TP-27-2.5	2.5	05/03/06	73.6	16.1	--	--	--	--	--	--	--
TP-28-0.5	0.5	05/03/06	27.6	7.04	--	--	--	--	--	--	--
TP-28-2.5	2.5	05/03/06	13.2	6.03	--	--	--	--	--	--	--
TP-30-0.5	0.5	05/03/06	--	6.50	--	--	--	--	--	--	--
TP-30-2.5	2.5	05/03/06	--	4.89	--	--	--	--	--	--	--
TP-30-4.0	4.0	05/03/06	--	7.59	--	--	--	--	--	--	--
TP-31-0.5	0.5	05/16/06	269	50	--	--	--	--	--	--	--
MTCM Method A Cleanup Level ³			250	20	16,000 ⁴	2.0	2,000	19	400 ⁵	400 ⁶	2.0
Area Impacted by Metals - GeoEngineers											
TP-31-2.5	2.5	05/16/06	14	21	--	--	--	--	--	--	--
TP-31-4.0	4.0	05/16/06	12	<14	--	--	--	--	--	--	--
TP-32-0.5	0.5	05/16/06	98	13	--	--	--	--	--	--	--
TP-32-2.5	2.5	05/16/06	21	<14	--	--	--	--	--	--	--
TP-33-0.5	0.5	05/16/06	110	16	--	--	--	--	--	--	--
TP-33-2.5	2.5	05/16/06	269	<13	--	--	--	--	--	--	--
TP-33-4.0	4.0	05/16/06	<6	<12	--	--	--	--	--	--	--
TP-34-0.5	0.5	05/16/06	209	42	--	--	--	--	--	--	--
TP-34-2.5	2.5	05/16/06	510	130	--	--	--	--	--	--	--
TP-34-4.0	4.0	05/16/06	<28	16	--	--	--	--	--	--	--
TP-35-0.5	0.5	05/17/06	23	<11	--	--	--	--	--	--	--
TP-35-2.5	2.5	05/17/06	219	<19	--	--	--	--	--	--	--
TP-35-0.5	0.5	05/17/06	35	<13	--	--	--	--	--	--	--
TP-35-2.5	2.5	05/17/06	<6.1	<12	--	--	--	--	--	--	--
TP-37-0.5	0.5	05/17/06	140	21	--	--	--	--	--	--	--
TP-37-2.5	2.5	05/17/06	460	14	--	--	--	--	--	--	--
TP-37-4.0	4.0	05/17/06	<37	<10	--	--	--	--	--	--	--
TP-38-0.5	0.5	05/17/06	64	<12	--	--	--	--	--	--	--
TP-38-2.5	2.5	05/17/06	32	<10	--	--	--	--	--	--	--
TP-39-0.5	0.5	05/17/06	32	<12	--	--	--	--	--	--	--
TP-39-2.5	2.5	05/17/06	26	<15	--	--	--	--	--	--	--
TP-52-0.5	0.5	01/29/07	119	23	--	--	--	--	--	--	--
TP-52-2.5	2.5	01/29/07	<7.0	<14	--	--	--	--	--	--	--
TP-52-4.0	4.0	01/29/07	<6.3	<13	--	--	--	--	--	--	--
HA-1-0.5	0.5	04/10/06	430	199	--	1.78	30.4	<1.3	--	--	<0.523
HA-1-2.5	2.5	04/10/06	195	19.7	--	--	--	--	--	--	--
HA-2-0.5	0.5	04/10/06	58.8	95.5	63.5	0.437	23.3	--	<0.795	<0.795	<0.0370
HA-2-2.5	2.5	04/10/06	--	27.7	--	--	--	--	--	--	--
HA-3-0.5	0.5	04/10/06	454	--	--	--	--	--	--	--	--
HA-4-0.5	0.5	04/10/06	223	62.2	--	--	--	--	--	--	--
HA-4-2.5	2.5	04/10/06	51.5	19.8	--	--	--	--	--	--	--
HA-5-0.5	0.5	04/10/06	--	33.9	--	--	--	--	--	--	--
HA-5-0.5	0.5	04/10/06	--	102	--	--	--	--	--	--	--
MTCM Method A Cleanup Level ³			250	20	16,000 ⁴	2.0	2,000	19	400 ⁵	400 ⁶	2.0
Area Impacted by Metals - GeoEngineers											
HA-6-2.5	2.5	04/10/06	213	9.92	--	--	--	--	--	--	--
HA-7-0.5	0.5	05/17/06	39	<12	--	--	--	--	--	--	--
HA-7-2.5	2.5	05/17/06	27	<13	--	--	--	--	--	--	--
HA-8-0.5	0.5	05/17/06	410	19	--	--	--	--	--	--	--
HA-8-2.5	2.5	05/17/06	190	<13	--	--	--	--	--	--	--

TABLE 2
 SITE CHARACTERIZATION SOIL CHEMICAL ANALYTICAL DATA
 METALS
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Total Metals ² (mg/kg)								
			Lead	Arsenic	Barium	Cadmium	Total Chromium	Hexavalent Chromium	Selenium	Silver	Mercury
Heating Oil UST Area - GeoEngineers											
UST-2-3.5	3.5	05/11/06	320	<13	—	—	—	—	—	—	—
TP-47-0.5	0.5	01/29/07	200	<15	—	—	—	—	—	—	—
TP-47-2.5	2.5	01/29/07	<6.4	<13	—	—	—	—	—	—	—
TP-48-0.5	0.5	01/29/07	17	<13	—	—	—	—	—	—	—
TP-48-2.5	2.5	01/29/07	<6.5	<13	—	—	—	—	—	—	—
TP-49-0.5	0.5	01/29/07	12	<13	—	—	—	—	—	—	—
TP-49-2.5	2.5	01/29/07	<7.1	<14	—	—	—	—	—	—	—
TP-50-0.5	0.5	01/29/07	72	<17	—	—	—	—	—	—	—
TP-50-2.5	2.5	01/29/07	<18	<18	—	—	—	—	—	—	—
TP-51-0.5	0.5	01/29/07	<28	<14	—	—	—	—	—	—	—
TP-51-2.5	2.5	01/29/07	<9.3	<13	—	—	—	—	—	—	—
MTCA Method A Cleanup Level ³			250	20	16,000 ⁴	2.0	2,000	19	400 ⁵	400 ⁵	2.0

Notes:

- ¹The approximate extraction locations are shown on Figures 3A and 3B.
 - ²Total metals analyzed using EPA Method 6050/7000 series. Arsenic and lead were analyzed using EPA Method 6020 and 6010B.
 - ³A composite sample (Comp-2) consisting of samples GEI-1-2.5, GEI-8-5.0, GEI-7-5.0, GEI-2-1.0, GEI-17-2.5 and GEI-17-5.0 was prepared and analyzed for TCLP lead using EPA Method 1311 and 8010B. (GEI-6-0.5 was not submitted for metals testing). TCLP lead was detected at a concentration of 0.859 mg/L, which is less than the Department's waste criteria for TCLP lead of 5 mg/L. TCLP analytical results are presented in Table 7.
 - ⁴A composite sample (Comp-1) consisting of samples GEI-13-2.5, GEI-19-0.5 and TP4-2-2.5 was prepared and analyzed for TCLP lead by EPA Method 1311 and 8010B. TCLP analytical results are presented in Table 7.
 - ⁵Cleanup level for unrestricted land use.
 - ⁶MTCA Method B cleanup level.
 - bgs = below ground surface
 - mg/kg = milligrams per kilogram
 - = not analyzed
 - ND = not detected
 - MTCA = Model Toxics Control Act
 - NE = not established
- Chemical analyses performed by North Creek Analytical of Bellingham, Washington or OnSite Environmental of Redmond, Washington (GeoEngineers' samples) or Friedman & Busch of Seattle, Washington (SLR's samples). Refer to the laboratory reports for the full list of analytes tested.
- Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA cleanup level.

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TABLE 3
 SITE CHARACTERIZATION SOIL DATA
 NONCARCINOGENIC PAHs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Number ¹	Sample Depth (feet bgs)	Date Sampled	Non-carcinogenic PAHs ² (mg/kg)									
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)pyrene	Fluoranthene	Fluorene	Naphthalenes	Phenanthrene	Pyrene	
Gasoline/Diesel UST Area - GeoEngineers												
GE1-2-5	2.5	09/21/05	<0.0100	<0.0100	0.0243	<0.0100	0.0292	0.0237	5.68	0.0759	0.0871	
GE1-8-1.0	1.0	09/22/05	0.419	0.129	0.415	0.416	0.476	0.649	53.5	0.681	0.684	
Heating Oil UST Area - GeoEngineers												
UST-2-3.5	3.5	05/31/06	0.017	0.01	0.73	0.045	0.11	0.019	0.133	0.39	0.11	
TP-47-0.5	0.5	01/29/07	<0.010	<0.010	0.031	0.037	0.14	0.017	0.041	0.15	0.13	
TP-50-0.5	0.5	01/29/07	<0.023	0.024	0.077	0.026	0.15	0.033	0.067	0.33	0.11	
TP-50-2.5	2.5	01/29/07	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	
TP-51-0.5	0.5	01/29/07	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	
MTCA Method B Cleanup Level			4,800	NE	24,000	NE	3,200	3,200	5.0 ³	NE	2,400	

Notes:

- ¹The approximate exploration locations are shown on Figures 3A and 3B.
- ²Polycyclic aromatic hydrocarbons analyzed using EPA Method 8270.Sik. The full list of PAHs analyzed is detailed in Appendix C.
- ³MTCA Method A cleanup level. Cleanup level for unrestricted land use.
- bgs = below ground surface.
- mg/kg = milligrams per kilogram.
- NE = not established.
- MTCA = Model Toxics Control Act.
- Chemical analyses performed by North Creek Analytical of Bothell, Washington or OnSite Environmental of Redmond, Washington. Refer to the laboratory reports for the full list of analytes tested.
- Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA cleanup level.

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TABLE 4
 SITE CHARACTERIZATION SOIL DATA
 CARCINOGENIC PAHs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Number ¹	Sample Depth (feet bgs)	Date Sampled	Carcinogenic PAHs ² (mg/kg)										Total cPAHs (TEQ) ³
			Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene				
Gasoline/Diesel UST Area - GeoEngineers													
GE1-2.5	2.5	09/21/05	0.0214	0.0260	<0.0100	<0.0100	0.0259	<0.0100	<0.0100	<0.0100	<0.0100	0.03	
GE1-8-1.0	1.0	09/22/05	0.452	0.589	0.303	0.176	0.327	0.559	0.487	0.95			
Heating Oil UST Area - GeoEngineers													
UST-2-3.5 ⁴	3.5	05/31/06	0.021	0.024	0.050	0.016	0.080	<0.0085	0.027	0.039			
TP-47-0.5	0.5	01/29/07	0.047	0.044	0.06	0.021	0.069	<0.010	0.026	0.061			
TP-50-0.5	0.5	01/29/07	<0.0115	0.0260	0.0690	<0.0115	0.0640	<0.0115	0.0250	0.043			
TP-50-2.5	2.5	01/29/07	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	0.022			
TP-51-0.5	0.5	01/29/07	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	0.0335			
MTC A Method B Cleanup Level			0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.1 ⁴		

Notes:

¹The approximate sample locations are shown on Figures 3A and 3B.

²Polycyclic aromatic hydrocarbons analyzed using EPA Method 8270S/M. The full list of PAHs analyzed is detailed in Appendix C.

³Total carcinogenic PAHs calculated using toxic equivalent (TEQ) methodology relative to benzo(a)pyrene. cPAHs that were not detected were assigned a value of the detection limit for these calculations.

⁴MTC A Method A cleanup level. Cleanup level for unrestricted land use.

bgs = below ground surface.

mg/kg = milligrams per kilogram.

MTC A = Model Toxics Control Act.

Chemical analyses performed by North Creek Analytical of Bothell, Washington or OnSite Environmental of Redmond, Washington. Refer to the laboratory reports for the full list of analytes tested.

Shading indicates analyte was detected. Shading indicates detected concentration exceeds the MTC A cleanup level.

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TABLE 5
GROUNDWATER ANALYTICAL RESULTS
PETROLEUM HYDROCARBONS, VOLATILE CONSTITUENTS, PCBs AND METALS
PSE WHITE RIVER POWER PLANT
SUMNER, WASHINGTON

Sample Name ¹	Date Sampled	Petroleum Hydrocarbons ² (µg/l)				Volatile Organic Compounds ³ (µg/l)										Metals ⁵		
		Gasoline-Range		Heavy Oil-Range		B	E	T	X	HVOCs ⁴	MTBE ⁶	EDB ⁶	EDC ⁷	PCBs ⁸	Lead		Arsenic	
		Range	Range	Total (µg/l)	Dissolved (µg/l)										Total (µg/l)	Dissolved (µg/l)		
Groundwater Samples Collected Before Remedial Activities by SLR																		
GF5/TW	07/19/05	3,490	2,900	360	54	200	9	170	--	--	--	--	--	--	--	--	--	--
Groundwater Samples Collected Before Remedial Activities by GeoEngineers																		
GE1-1	09/21/05	5,090	3,190	<500	12.5	292	7.00	375	ND	<1.00	<0.010	<0.200	<0.1	19.7	4.75	--	--	--
GE1-3	09/21/05	17.4 ¹⁰	<250	<500	<0.500	<0.500	0.171 ¹⁰	<1.00	--	--	--	--	--	--	--	--	--	--
GE1-4	09/21/05	<50.0	<250	<500	<0.500	<0.500	0.124 ¹⁰	<1.00	--	--	--	--	--	--	--	--	--	--
GE1-5	09/21/05	18.6 ¹⁰	<250	<500	<0.500	0.237 ¹⁰	0.136 ¹⁰	0.546 ¹⁰	--	--	--	--	--	--	--	--	--	--
Groundwater Samples Collected After Remedial Activities by GeoEngineers																		
MW-1	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0	--	<0.20	<0.0086	<0.20	<0.048	<1.1	<1.0	3.7	3.4	5
MW-3	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0	--	<0.20	<0.0055	<0.20	<0.047	<1.1	<1.0	<3.3	3.3	5
MW-4	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0	--	<0.20	<0.0084	<0.20	<0.047	<1.1	<1.0	<3.3	3.1	5
MW-5	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0	--	<0.20	<0.0084	<0.20	<0.047	<1.1	<1.0	<3.3	<3.0	5
MTC A Method A Cleanup Level ¹¹		800		500	500	700	1,000	1,000	Varies	20	0.01	5	0.1	15	15	5	5	5

Notes:

- ¹The approximate sample locations are shown on Figure 4.
 - ²Petroleum hydrocarbons analyzed using Ecology Method NWTPH-Gx and NWTPH-Dx with acid-silica gel cleanup.
 - ³Benzene, ethylbenzene, toluene and xylenes analyzed using EPA Method 8021B.
 - ⁴Halogenated volatile organic compounds analyzed using EPA Method 8260B. The full list of HVOCs analyzed is detailed in the chemical analytical data presented in Appendix C.
 - ⁵Methyl tert-butyl ether analyzed using EPA Method 8260B.
 - ⁶1,2-Dibromoothane analyzed using EPA Method 8011.
 - ⁷1,2-Dichloroethane analyzed using EPA Method 8260B.
 - ⁸Polychlorinated biphenyls analyzed using EPA Method 8082.
 - ⁹Lead and arsenic analyzed using EPA Method 6020 and 5010B.
 - ¹⁰This value is reported by the laboratory as an estimate. Chemical analytical data is presented in Appendix C.
 - ¹¹Cleanup level for unrestricted land use.
- µg/l = micrograms per liter.
 "--" = not analyzed.
 NE = not established.
 MTC A = Model Toxics Control Act.
 Chemical analyses performed by North Creek Analytical of Bothell, Washington (GeoEngineers' samples) or Friedman & Bruys of Seattle, Washington (SLR's samples).
 Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the MTC A cleanup level.

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TABLE 5
GROUNDWATER ANALYTICAL RESULTS
PETROLEUM HYDROCARBONS, VOLATILE CONSTITUENTS, PCBs AND METALS
PSE WHITE RIVER POWER PLANT
SUMNER, WASHINGTON

Sample Name ¹	Date Sampled	Petroleum Hydrocarbons ² (µg/l)				Volatile Organic Compounds ³ (µg/l)										Metals ³					
		Gasoline-Range		Diesel-Range		Heavy Oil-Range		B	E	T	X	HVOCS ⁴	MTBE ⁵	EDB ⁶	EDC ⁷	PCBs ⁸	Total (µg/l)	Dissolved (µg/l)	Total (µg/l)	Dissolved (µg/l)	Arsenic
		Range	Range	Range	Range	Range	Range														
Groundwater Samples Collected Before Remedial Activities by SLR																					
GP5-TW	07/19/05	3,400	2,000	360	54	200	9	170													
Groundwater Samples Collected Before Remedial Activities by GeoEngineers																					
GEI-1	08/21/05	6,090	3,190	<500	12.5	292	7.00	375	ND	<1.00	<0.010	<0.200	<0.1	19.7	4.75						
GEI-3	09/21/05	17.4 ¹⁰	<250	<500	<0.500	<0.500	0.171 ¹⁰	<1.00													
GEI-4	09/21/05	<50.0	<250	<500	<0.500	<0.500	0.124 ¹⁰	<1.00													
GEI-5	09/21/05	18.6 ¹⁰	<250	<500	<0.500	0.237 ¹⁰	0.136 ¹⁰	0.546 ¹⁰													
Groundwater Samples Collected After Remedial Activities by GeoEngineers																					
MW-1	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0		<0.20	<0.0095	<0.20	<0.048	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-3	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0		<0.20	<0.0095	<0.20	<0.047	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-4	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0		<0.20	<0.0094	<0.20	<0.047	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-5	06/08/07	<0.100	<0.250	<0.400	<0.50	<0.50	<0.50	<1.0		<0.20	<0.0094	<0.20	<0.047	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MTCA Method A Cleanup Level ¹¹																					
		800	500	500	5.0	700	1,000	1,000	Varies	20	0.01	5	0.1	15	15	15	15	15	15	15	15

Notes:

- ¹The approximate sample locations are shown on Figure 4.
- ²Petroleum hydrocarbons analyzed using Ecology Method NWTPH-Gx and NWTPH-Dx with acid-silica gel cleanup.
- ³Benzene, ethylbenzene, toluene and xylenes analyzed using EPA Method 8021B.
- ⁴Halogenated volatile organic compounds analyzed using EPA Method 8260B. The full list of HVOCS analyzed is detailed in the chemical analytical data presented in Appendix C.
- ⁵Methyl tert-butyl ether analyzed using EPA Method 8260B.
- ⁶1,2-Dibromoethane analyzed using EPA Method 8011.
- ⁷1,2-Dichloroethane analyzed using EPA Method 8260B.
- ⁸Polychlorinated biphenyls analyzed using EPA Method 8082.
- ⁹Lead and arsenic analyzed using EPA Method 6020 and 6010B.
- ¹⁰This value is reported by the laboratory as an estimate. Chemical analytical data is presented in Appendix C.
- ¹¹Cleanup level for unrestricted land use.

µg/l = micrograms per liter.

"-" = not analyzed.

NE = not established.

MTCA = Model Toxics Control Act

Chemical analyses performed by North Creek Analytical of Bothell, Washington (GeoEngineers' samples) or Friedman & Bruya of Seattle, Washington (SLR's samples).

Shading indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA Cleanup level.

TABLE 6
GROUNDWATER ANALYTICAL RESULTS
PAHs
PSE WHITE RIVER POWER PLANT
SUMNER, WASHINGTON

Sample Number ¹	Date Sampled	Non-carcinogenic PAHs ² (µg/l)								
		Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)pyrene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
GE1-1	09/21/05	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.573	318.2	1.09	<0.0500
Groundwater Samples Collected Before Remedial Activities by GeoEngineers										
Groundwater Samples Collected After Remedial Activities by GeoEngineers										
MW-1	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095
MW-3	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095
MW-4	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095
MW-5	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095
MTCA Method B Cleanup Level		4.800	NE	24,000	NE	3,200	3,200	5 ⁴	NE	2,400

Sample Number ¹	Date Sampled	Carcinogenic PAHs ² (µg/l)							Total cPAHs (TEQ) ³
		Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	
GE1-1	09/21/05	0.145	<0.0500	<0.0500	<0.0500	0.0941	<0.0500	<0.0500	0.1005
Groundwater Samples Collected Before Remedial Activities by GeoEngineers									
MW-1	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.0172
MW-3	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.0172
MW-4	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.0172
MW-5	06/08/07	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.0172
MTCA Method B Cleanup Level		0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.1 ⁴

Notes:

¹The approximate sample locations are shown in Figure 4.

²Polycyclic aromatic hydrocarbons analyzed using EPA Method 8270S.M. The full list of PAHs analyzed is detailed in the chemical analytical data presented in Appendix C.

³Total carcinogenic PAHs calculated using toxic equivalent (TEQ) methodology relative to benzo(a)pyrene. cPAHs that were not detected were assigned a value of the detection limit for these calculations.

⁴MTCA Method A cleanup level. Cleanup level for unrestricted land use. µg/L = micrograms per liter.

MTCA = Model Toxics Control Act.

NE = not established.

Chemical analyses performed by North Creek Analytical of Bothell, Washington or On-Site Environmental of Redmond, Washington.

Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA cleanup level.

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TABLE 7
 REMEDIAL EXCAVATION SOIL CHEMICAL ANALYTICAL DATA
 PETROLEUM HYDROCARBONS AND VOLATILES
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Field Screening Results ²			Petroleum Hydrocarbons ³ (mg/kg)				Volatile Organic Compounds ⁴ (mg/kg)				
			Headspace Vapors (ppm)	Sheen	Gasoline-Range	Diesel-Range	Heavy Oil-Range	Benzene	Ethylbenzene	Toluene	Xylenes			
Gasoline/Diesel UST Area - GeoEngineers														
EX-1-5.0 ⁵	5.0	03/13/06	<1	NS	<17.5	<49.8	<125	<0.175	<0.437	<0.437	<0.875			
EX-2-1.0 ⁶	1.0	03/13/06	11.3	MS	90.5	9,360	12,300	<0.0247	<0.0616	<0.0616	0.589			
EX-11-2.5	2.5	03/14/06	5.1	NS	<5.70	<11.2	<28.0	<0.0228	<0.0570	<0.0570	<0.114			
EX-12-5.0	5.0	03/14/06	<1	NS	<14.2	<18.8	<47.0	<0.0358	<0.142	<0.142	<0.285			
EX-13-6.0	6.0	03/14/06	<1	NS	<6.02	<12.8	<32.0	<0.0241	<0.0602	<0.0602	<0.120			
EX-15-2.5	2.5	03/14/06	<1	NS	<4.94	23.2	<28.6	<0.0195	<0.0494	<0.0494	<0.0988			
EX-16-5.0	5.0	03/15/06	<1	NS	<13.4	<58.1	<145	<0.0107	<0.0285	<0.0107	<0.0711			
EX-17-6.0	6.0	03/15/06	<1	NS	<9.11	<17.0	<42.5	<0.00293	<0.0911	<0.0911	<0.182			
EX-18-5.0	5.0	03/15/06	<1	NS	<12.8	<29.2	<73.0	<0.00343	<0.00915	<0.00343	<0.0229			
EX-19-1.0	1.0	03/15/06	<1	NS	<6.72	286	78.3	<0.0269	<0.0672	<0.0672	<0.134			
EX-20-5.0 ⁵	5.0	03/15/06	<1	NS	<13.3	91.8	<147	<0.03668	<0.0178	<0.03668	<0.0445			
EX-21-1.0	1.0	03/15/06	<1	NS	<5.10	17.0	<28.3	<0.0204	<0.0610	<0.0610	<0.102			
EX-22-5.0	5.0	03/15/06	<1	NS	<7.05	<21.9	<64.8	<0.00196	<0.00524	<0.00196	<0.0131			
EX-23-6.0	6.0	03/15/06	<1	NS	<6.62	<13.7	<34.3	<0.0269	<0.0662	<0.0662	<0.132			
EX-24-5.0	5.0	03/16/06	<1	NS	<13.8	<63.3	<158	<0.00778	<0.0208	<0.00778	<0.0519			
EX-26-5.5	5.5	03/16/06	<1	NS	<12.9	<21.5	<53.8	<0.00332	<0.0129	<0.0129	<0.257			
EX-26-2.5	2.5	03/16/06	<1	SS	<5.65	<13.5	<33.8	<0.0226	<0.0565	<0.0565	<0.113			
EX-27-2.5	2.5	03/16/06	<1	NS	<5.79	<12.3	<30.8	<0.0231	<0.0579	<0.0579	<0.116			
EX-28-5.5	5.5	03/16/06	<1	NS	<11.2	<18.4	<46.1	<0.00245	<0.0112	<0.0112	<0.223			
Area Impacted by Metals - GeoEngineers														
EX-92-2.5 ⁷	2.5	06/09/06	<1	NS	--	<86	<170	<0.0047	<0.0047	<0.0047	<0.0083			
EX-93-2.5 ⁷	2.5	06/09/06	<1	NS	--	<52	<100	<0.0034	<0.0034	0.014	<0.0069			
EX-94-4.0 ⁷	4.0	06/09/06	<1	NS	--	<110	<230	<0.0055	<0.0055	<0.0055	<0.011			
Heating Oil UST Area - GeoEngineers														
UST-7-4.0	4.0	06/09/06	<1	NS	--	<35	<70	--	--	--	--			
UST-8-4.0	4.0	06/09/06	<1	NS	--	<40	<79	--	--	--	--			
UST-9-5.0	5.0	06/09/06	<1	NS	--	<110	<220	--	--	--	--			
UST-10-6.0	6.0	06/09/06	<1	NS	--	<89	<180	--	--	--	--			
UST-11-4.0 ⁶	4.0	06/09/06	<1	NS	--	2,700	2,000	--	--	--	--			
EX-76-0.5 ⁶	0.5	05/26/06	--	MS	--	2,500	1,900	--	--	--	--			
EX-99-0.5 ⁶	0.5	09/09/06	<1	NS	--	72	360	<0.0014	<0.0014	<0.0014	<0.0028			
EX-101-6.0	6.0	02/05/07	--	NS	--	<33	<65	--	--	--	--			
EX-102-2.5	2.5	02/05/07	--	NS	--	<33	<67	--	--	--	--			
EX-104-6.0	6.0	02/05/07	--	NS	--	<34	<68	--	--	--	--			
MTCA Method A Cleanup Level ⁸														
					30	2,000	2,000	0.03	9.0	7.0	9.0			

TABLE 7
 REMEDIAL EXCAVATION SOIL CHEMICAL ANALYTICAL DATA
 PETROLEUM HYDROCARBONS AND VOLATILES
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Notes:

- ¹The approximate sample locations are shown on Figures 5A and 5B.
- ²A description of field screening methods is presented in Appendix A.
- ³Petroleum hydrocarbons analyzed using Ecology Method NWTPH-Cx and NWTPH-Dx with acid-silica gel cleanup.
- ⁴Benzene, ethylbenzene, toluene and xylenes analyzed using EPA Method 8021B.
- ⁵The laboratory detection limit for benzene exceeded the MTCA Method A cleanup level for sample EX-1-5.0; sample EX-20-5.0 was obtained at approximately the same location as EX-1-5.0. The detection for benzene was less than the MTCA Method A cleanup level for sample EX-20-5.0.
- ⁶Soil represented by this sample was subsequently over-excavated and removed from the site.
- ⁷These samples, obtained from the area adjacent to a septic system drain field, were submitted for analysis of Volatile Organic Compounds (VOCs) analyzed using EPA Method 8260B. VOCs either were not detected or where detected at a concentration less than applicable MTCA cleanup levels. The full list of VOCs analyzed is detailed in the chemical analytical data presented in Appendix C.
- ⁸This sample, obtained from an area adjacent to a floor drain in the Carpenter's Shop, was submitted for analysis of Volatile Organic Compounds (VOCs) using EPA Method 8260B. VOCs either were not detected or where detected at a concentration less than applicable MTCA cleanup levels. The full list of VOCs analyzed is detailed in the chemical analytical data presented in Appendix C.
- ⁹Cleanup level for unrestricted land use.
- bgs = below ground surface.
- ppm = parts per million.
- mg/kg = milligrams per kilogram.
- NS=no shown, SS=slight sheen, MS=moderate sheen.
- "-" = not analyzed.
- MTCA = Model Toxics Control Act.
- Chemical analyses performed by North Creek Analytical of Bothell, Washington or OnSite Environmental of Redmond, Washington.
- Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA cleanup level.

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TABLE 8
 REMEDIAL EXCAVATION SOIL CHEMICAL ANALYTICAL DATA
 METALS AND PCBs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Total Metals ² (mg/kg)		PCBs ³ (mg/kg)
			Lead	Arsenic	
Gasoline/Diesel UST Area - GeoEngineers					
EX-13-6.0	6.0	03/14/06	1.28	1.80	--
EX-17-6.0	6.0	03/15/06	7.28	19.8	--
EX-19-1.0	1.0	03/15/06	62.0	7.27	--
EX-20-5.0	5.0	03/15/06	4.20	15.3	--
EX-21-1.0	1.0	03/15/06	4.00	--	--
EX-23-6.0	6.0	03/15/06	3.25	2.60	--
EX-27-2.5	2.5	03/16/06	4.04	3.28	--
Area Impacted by Metals - GeoEngineers					
EX-3-2.5	2.5	03/14/06	124	--	--
EX-4-2.5 ⁴	2.5	03/14/06	269	--	--
EX-5-2.5	2.5	03/14/06	147	5.08	--
EX-6-0.5 ⁴	0.5	03/14/06	333	--	--
EX-7-2.5 ⁴	2.5	03/14/06	185	27.6	--
EX-8-2.5 ⁴	2.5	03/14/06	11,000	--	--
EX-9-4.0	4.0	03/14/06	71.5	6.07	--
EX-10-4.0 ⁴	4.0	03/14/06	282	--	--
EX-29-0.5	0.5	03/29/06	60.5	9.87	--
EX-30-0.5	0.5	03/29/06	166	6.20	--
EX-31-0.5 ⁴	0.5	03/30/06	231	20.4	--
EX-32-2.5 ⁴	2.5	03/30/06	52.7	37.1	--
EX-33-0.5 ⁴	0.5	03/30/06	587	--	--
EX-34-2.5 ⁴	2.5	03/30/06	140	136	--
EX-35-4.0 ⁴	4.0	03/30/06	124	24.3	--
EX-36-2.5 ⁴	2.5	03/30/06	158	32.5	--
EX-37-5.0	5.0	03/30/06	<3.12	14.5	--
EX-38-5.0	5.0	03/30/06	16.0	6.30	--
EX-39-0.5 ⁴	0.5	03/30/06	269	--	--
EX-40-2.5	2.5	04/13/06	31.4	9.39	--
EX-41-0.5	0.5	04/13/06	94.5	16.7	--
EX-42-2.5 ⁴	2.5	04/24/06	--	32.2	--
EX-43-4.0	4.0	04/24/06	--	2.95	--
EX-44-2.5 ⁴	2.5	04/24/06	--	27.0	--
EX-44-4.0	4.0	02/07/07	<6.9	<14	--
EX-45-0.5 ⁴	0.5	04/24/06	--	38.4	--
EX-46-2.5 ⁴	2.5	04/25/06	--	43.2	--
EX-47-5.0	5.0	04/25/06	--	2.41	--
EX-48-2.5	2.5	04/25/06	--	6.45	--
EX-49-4.0	4.0	04/26/06	--	4.74	--
EX-50-4.0	4.0	04/26/06	--	5.34	--
EX-51-0.5 ⁴	0.5	04/26/06	--	39.0	--
EX-51-2.5	2.5	05/23/06	<6.3	<13	--
EX-52-2.5	2.5	04/26/06	40.3	9.76	--
EX-53-0.5 ⁴	0.5	04/26/06	--	68.0	--
EX-53-2.5	2.5	05/18/06	120	<13	--
EX-54-0.5	0.5	04/26/06	--	14.5	--
EX-54-2.5	2.5	05/23/06	<13	7.0	--
EX-55-2.5	2.5	04/27/06	--	7.95	--
EX-56-0.5	0.5	04/27/06	--	3.13	--
EX-57-5.0	5.0	04/27/06	--	2.68	--
EX-58-2.5	2.5	04/27/06	--	5.08	--
EX-59-0.5	0.5	04/27/06	--	4.43	--
EX-60-2.5	2.5	06/06/06	<9.6	<19	--
EX-61-0.5	0.5	06/05/06	14	<14	--
EX-62-0.5	0.5	06/06/06	<24	<12	--
EX-63-0.5	0.5	06/22/06	12	<12	--
MTC Method A Cleanup Level ⁵			250	20	1.0

TABLE 8
 REMEDIAL EXCAVATION SOIL CHEMICAL ANALYTICAL DATA
 METALS AND PCBs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Total Metals ² (mg/kg)		PCBs ³ (mg/kg)
			Lead	Arsenic	
Area Impacted by Metals - GeoEngineers					
EX-64-0.5	0.5	05/22/06	7.1	<13	--
EX-65-0.5 ⁴	0.5	05/22/06	440	21	--
EX-65-2.5	2.5	05/26/06	17	<14	--
EX-66-4.0	4.0	05/23/06	<12	7.0	--
EX-67-2.5 ⁴	2.5	05/23/06	<31	26	--
EX-67-4.0 ⁴	4.0	05/26/06	<38	39	<0.38
EX-67-5.0	5.0	05/31/06	<7.7	<15	--
EX-68-0.5	0.5	05/23/06	190	<14	--
EX-68-2.5	2.5	05/26/06	130	<14	--
EX-69-0.5 ⁴	0.5	05/26/06	270	26	--
EX-69-2.5	2.5	05/24/06	<8.8	<18	--
EX-70-0.5 ⁴	0.5	05/23/06	550	76	--
EX-70-2.5	2.5	05/05/06	<29	<14	--
EX-71-4.0	4.0	05/26/06	22	<9.3	--
EX-72-0.5	0.5	05/26/06	91	<14	--
EX-72-4.0	4.0	05/31/06	49	<11	<0.063
EX-73-4.0	4.0	05/26/06	<6.3	<13	--
EX-74-0.5	0.5	05/26/06	30	<13	--
EX-74-2.5	2.5	05/26/06	14	<18	<0.060
EX-75-2.5	2.5	05/26/06	<6.0	<12	--
EX-77-2.5	2.5	05/26/06	<6.2	<12	--
EX-78-0.5 ⁴	0.5	05/26/06	490	<12	--
EX-78-2.5 ⁴	2.5	05/26/06	19	25	--
EX-79-0.5 ⁴	0.5	05/26/06	880	<13	--
EX-79-2.5	2.5	06/05/06	<6.4	<13	--
EX-80-0.5 ⁴	0.5	05/26/06	160	290	--
EX-80-2.5 ⁴	2.5	06/05/06	510	<14	--
EX-80-4.0	4.0	06/06/06	<6.3	<13	--
EX-81-0.5	0.5	05/26/06	9.4	<12	--
EX-81-2.5	2.5	06/05/06	10	<13	--
EX-82-0.5	0.5	05/30/06	48	<13	--
EX-82-2.5	2.5	05/30/06	<7.1	<14	--
EX-83-0.5 ⁴	0.5	05/30/06	150	52	--
EX-83-2.5	2.5	05/30/06	8.3	<13	--
EX-84-0.5 ⁴	0.5	05/30/06	17	42	--
EX-84-2.5	2.5	05/30/06	11	<13	--
EX-85-0.5 ⁴	0.5	05/30/06	260	<13	--
EX-85-2.5	2.5	05/30/06	8.4	<14	--
EX-86-0.5 ⁴	0.5	05/30/06	120	33	--
EX-86-2.5	2.5	05/30/06	140	18	--
EX-87-0.5	0.5	06/05/06	<6.8	<14	--
EX-88-0.5	0.5	06/05/06	52	<13	--
EX-88-2.5	2.5	06/06/06	<8.7	<13	--
EX-89-0.5	0.5	06/05/06	<6.0	<12	--
EX-89-2.5	2.5	06/06/06	<6.6	<13	--
EX-90-0.5	0.5	06/05/06	<6.0	<12	--
EX-90-2.5	2.5	01/06/00	<6.5	<13	--
EX-91-0.5 ⁴	0.5	06/06/06	290	<12	--
EX-92-2.5	2.5	06/09/06	24	<17	<0.17
EX-93-2.5	2.5	06/09/06	100	<10	<0.10
EX-94-4.0	4.0	06/09/06	<23	<11	<0.23
EX-95-0.5	0.5	06/08/06	36	<14	--
EX-96-0.5	0.5	06/08/06	<6.2	<12	--
EX-97-2.5	2.5	06/08/06	<6.9	<14	--
EX-98-0.5	0.5	06/09/06	140	<12	0.38
EX-100-0.5	0.5	06/16/06	6.2	<11	--
EX-100-2.5	2.5	06/16/06	8.2	<12	--
EX-103-3.0	3.0	02/05/07	7	<13	--
MICA Method A Cleanup Level ⁵			250	20	1.0

TABLE 8
 RÉMEDIAL EXCAVATION SOIL CHEMICAL ANALYTICAL DATA
 METALS AND PCBs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Sample Depth (feet bgs)	Date Sampled	Total Metals ² (mg/kg)		PCBs ³ (mg/kg)
			Lead	Arsenic	
Heating Oil UST Area - GeoEngineers					
UST-7-4.0	4.0	06/09/06	<7.0	<14	--
UST-8-4.0	4.0	06/09/06	<7.9	<16	--
UST-9-5.0	5.0	06/09/06	<22	<11	--
UST-10-6.0	6.0	06/09/06	<18	<18	--
UST-11-4.0	4.0	06/09/06	230	<15	--
EX-78-0.5 ⁴	0.5	05/26/06	300	<18	--
EX-76-2.5	2.5	05/26/06	<31	<18	<0.062
EX-89-0.5 ⁴	0.5	06/09/06	390	17	0.20
EX-101-6.0	6.0	02/05/07	10	<13	--
EX-102-2.5	2.5	02/05/07	<6.7	<13	--
EX-104-6.0	6.0	02/05/07	7.5	<14	<0.068
Stockpile Samples					
SP-1	NA	05/25/06	--	--	<0.068
SP-2	NA	05/25/06	--	--	<0.063
SP-3	NA	05/25/06	--	--	0.068
MTCA Method A Cleanup Level⁶			250	20	1.0

Notes:

¹The approximate sample locations are shown on Figures 5A and 5B.

²Lead and arsenic analyzed using EPA Method 6020 and 6010B.

³Polychlorinated biphenyls analyzed using EPA Method 8082.

⁴Soil represented by this sample was subsequently over-excavated and removed from the site.

⁶Cleanup level for unrestricted land use.

bgs = below ground surface.

mg/kg = milligrams per kilogram.

"--" = not analyzed.

MTCA = Model Toxics Control Act.

Chemical analyses performed by North Creek Analytical of Bothell, Washington or OnSite Environmental of Redmond, Washington.

Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA cleanup level.

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TABLE 9
 REMEDIAL EXCAVATION SOIL DATA
 NONCARCINOGENIC PAHs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Number ¹	Sample Depth (feet bgs)	Date Sampled	Non-carcinogenic PAHs ³ (mg/kg)									
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)pyrene	Fluoranthene	Fluorene	Naphthalenes	Phenanthrene	Pyrene	
Gasoline/Diesel UST Area - GeoEngineers												
EX-19-1.0	1.0	03/15/06	0.0162	<0.0123	<0.0123	0.0386	0.410	<0.0123	<0.0123	<0.0123	0.0682	0.117
EX-20-5.0	5.0	03/15/06	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583
EX-21-1.0	1.0	03/15/06	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113
EX-23-6.0	6.0	03/15/06	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137
EX-27-2.5	2.5	03/16/06	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123
EX-28-5.5	5.5	03/16/06	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186
Area Impacted by Metals - GeoEngineers												
EX-92-2.5	2.5	06/09/06	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026
EX-93-2.5	2.5	06/09/06	<0.014	<0.014	<0.014	0.029	0.05	<0.014	<0.014	<0.014	0.026	0.053
EX-94-4.0	4.0	06/09/06	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
EX-99-0.5	0.5	06/09/06	5.9	0.52	11	5.2	35	5.5	1	43	31	31
Heating Oil UST Area - GeoEngineers												
EX-102-2.5	2.5	02/05/07	<0.0089	<0.0089	<0.0089	<0.0089	0.015	<0.0089	<0.0089	<0.0089	0.013	0.011
EX-104-6.0	6.0	02/05/07	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090
MTCA Method B Cleanup Level												
			4,800	NE	24,000	NE	3,200	3,200	5.0 ⁴	NE	2,400	2,400

Notes:

¹The approximate sample locations are shown on Figures 5A and 5B.

²A description of field screening methods is presented in Appendix A.

³Polycyclic aromatic hydrocarbons analyzed using EPA Method 8270S/M.

⁴MTCA Method A cleanup level. Cleanup level for unrestricted land use.

bgs = below ground surface.

mg/kg = milligrams per kilogram.

NE = not established.

MTCA = Model Toxics Control Act.

Chemical analyses performed by North Creek Analytical of Bothell, Washington or OnSite Environmental of Redmond, Washington. Refer to the laboratory reports for the full list of analytes tested.

Bolding indicates analyte was detected.

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TABLE 10
 REMEDIAL EXCAVATION SOIL DATA
 CARCINOGENIC PAHs
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Number ¹	Sample Depth (feet bgs)	Date Sampled	Carcinogenic PAHs ² (mg/kg)										Total cPAHs (TEQ) ³
			Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene				
Gasoline/Diesel UST Area - GeoEngineers													
EX-19-1.0	1.0	03/15/06	0.0314	0.0455	0.0372	0.0377	0.0434	<0.0123	0.0259				0.06
EX-20-5.0	5.0	03/15/06	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583				0.1055 ⁴
EX-21-1.0	1.0	03/15/06	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113	<0.0113				0.0205
EX-23-6.0	6.0	03/15/06	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137	<0.0137				0.0248
EX-27-2.5	2.5	03/16/06	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123	<0.0123				0.0223
EX-28-5.5	5.5	03/16/06	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186	<0.0186				0.0337
Area Impacted by Metals - GeoEngineers													
EX-92-2.5	2.5	06/09/06	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026				0.0471
EX-93-2.5	2.5	06/09/06	0.033	0.045	0.061	0.018	0.048	<0.014	0.024				0.0647
EX-94-4.0	4.0	06/09/06	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030				0.0543
EX-99-0.5 ⁵	0.5	06/09/06	13	11	14	4.8	15	1.7	5				15.52
Heating Oil UST Area - GeoEngineers													
EX-102-2.5	2.5	02/05/07	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045				0.008
EX-104-6.0	6.0	02/05/07	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045				0.008
MTCA Method B Cleanup Level			0.137	0.137	0.137	0.137	0.137	0.137	0.137				0.1 ⁶

Notes:

- ¹The approximate sample locations are shown on Figures 5A and 5B.
- ²Polycyclic aromatic hydrocarbons analyzed using EPA Method 8270S/IM.
- ³Calculated using toxic equivalent (TEQ) relative to benzo(a)pyrene per WAC 173-340-708(8). cPAHs that were not detected were assigned a value of the detection limit for these calculations.
- ⁴Results for this sample were all non-detect for cPAHs, however, when using the PQL value in the TEQ calculation, the TEQ value (0.1055 mg/kg) exceeds the MTCA Method A cleanup level of 0.1 mg/kg
- ⁵Soil represented by this sample was subsequently over-excavated and removed from the site.
- ⁶MTCA Method A cleanup level. Cleanup level for unrestricted land use.
- bgs = below ground surface.
- mg/kg = milligrams per kilogram.
- MTCA = Model Toxics Control Act.
- Chemical analyses performed by North Creek Analytical of Bothell, Washington or OnSite Environmental of Redmond, Washington. Refer to the laboratory reports for the full list of analytes tested.
- Shading indicates analyte was detected. Shading indicates detected concentration exceeds the MTCA cleanup level.



TABLE 11
 WASTE PROFILE ANALYTICAL RESULTS
 PSE WHITE RIVER POWER PLANT
 SUMNER, WASHINGTON

Sample Name ¹	Date Samples	Type of Sample	Subsamples	Area Represented by Sample	Lead		Arsenic		pH ⁴ (pH Units)
					Total ² (mg/kg)	TCLP ³ (mg/kg)	Total ² (mg/kg)	TCLP ³ (mg/kg)	
HA-1-0.5	04/10/06	Discrete/In-place	N/A	Metals related contamination south of the carpenter shop	830	--	169	<1	--
TP-18-2.5	04/28/06	Discrete/In-place	N/A		586	--	327	0.166	--
Comp-1 ⁵	11/09/05	Composite produced by combining discrete in-place samples	GEI-13-2.5	Metals related contamination south of the carpenter shop	1,980	0.920	--	--	--
			GEI-16-0.5		327		--		
			TP4-2-2.5		3,840		--		
			GEI-1-2.5		4.32		--		
Comp-2 ⁶	11/09/05	Composite produced by combining discrete in-place samples	GEI-6-5.0	Petroleum related contamination north of former garage	--	0.509	--	--	4.8
			GEI-7-3.0		8.22		--		
			GEI-8-1.0		6,300		--		
			GEI-17-2.5		5.45		--		
GEI-17-5.0	6.42	--							
Stockpile Samples									
SC-1	03/13/06	Discrete/Stockpile	N/A	Overexcavated soil surrounding GEI-8-1.0	--	<1	--	--	--
SC-2	03/13/06	Discrete/Stockpile	N/A		--	<1	--	--	--
SC-3	03/30/06	Discrete/Stockpile	N/A	Overexcavated soil surrounding EX-8-2.5	--	251	--	--	5.82
SC-4	03/30/06	Discrete/Stockpile	N/A		--	1.89	--	--	6.14
Dangerous Waste Criteria (WAC 173-303-050)					--	5.0	--	5.0	<2 of >12.5

Notes:

- ¹The approximate sample locations are shown in Figures 3A, 3B, 5A and 5B.
- ²Total lead and arsenic analyzed using EPA Method 6020 and 6010B.
- ³Toxicity Characteristic Leaching Procedure (TCLP) analyzed using EPA Method 1311 and 6010B.
- ⁴pH analyzed using EPA Method 150.1.
- ⁵This is a composite of soil samples GEI-13-2.5, GEI-16-0.5 and TP4-2-2.5. The laboratory prepared the composite soil sample using the discrete soil samples that were first analyzed for total metals.
- ⁶This is a composite of soil samples GEI-1-2.5, GEI-6-5.0, GEI-7-3.0, GEI-8-1.0, GEI-17-2.5 and GEI-17-5.0. The laboratory prepared the composite soil sample using the discrete soil samples that were first analyzed for total metals.
- "--" = not analyzed.
- Chemical analyses performed by North Creek Analytical of Bothell, Washington.
- Shading indicates detected concentration exceeds the toxicity characteristic threshold (WAC 173-303-080).

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TABLE 12
ANALYTICAL RESULTS FOR GROUNDWATER REMOVED FROM EXCAVATION
pH, FOG, PCBs AND METALS
PSE WHITE RIVER POWER PLANT
SUMNER, WASHINGTON

Sample Name ¹	Date Sampled	pH ² (pH units)	Non-Polar FOG ³ (mg/l)	PCBs ⁴ (ug/l)	Total Metals ⁵ (mg/l)							
					Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Zinc	
BT-1-031606	03/16/06	7.00	<4.72	<0.100	--	<0.001	0.0148	0.0437	0.0437	0.108	0.0109	0.122
BT-2-032306	03/23/06	6.75	<4.76	<0.100	--	<0.001	0.00757	0.0225	0.0225	0.0333	0.00589	0.0551
BT-3-032706	03/27/06	7.54	<4.72	<0.100	--	<0.001	0.00388	0.0105	0.00900	0.00322	0.00322	0.0242
BT-4-032706	03/27/06	7.69	<4.72	<0.100	--	<0.001	0.00309	0.0113	0.0129	0.00286	0.00286	0.0238
BT-5-032806	03/28/06	7.94	<4.76	<0.100	--	<0.001	0.0419	0.101	0.0747	0.0288	0.0288	0.176
BT-6-042506	04/25/06	7.11	<4.72	<0.100	0.0746	<0.001	0.00594	0.0693	0.0791	0.00506	0.00506	0.115
BT-7-051806	05/18/06	7.80	<4.8	<0.048	0.015	<0.0044	0.011	0.093	0.11	<0.022	<0.022	0.170
BT-8-052206	05/22/06	7.30	7.40	0.268	0.033	<0.0044	<0.011	0.160	0.190	<0.022	<0.022	0.250
BT-9-052306	05/23/06	7.30	<6.2	<0.050	0.019	<0.0044	<0.011	0.100	0.120	<0.022	<0.022	0.190
BT-10-052406	05/24/06	7.20	<5.7	<0.051	0.027	<0.0044	0.019	0.120	0.160	<0.022	<0.022	0.230
BT-11-053106	05/31/06	7.30	<5.4	<0.048	0.015	<0.0044	<0.011	0.062	0.067	<0.022	<0.022	0.140
BT-12-053106	05/31/06	7.30	<5.6	<0.048	0.018	<0.0044	<0.011	0.059	0.072	<0.022	<0.022	0.130
BT-13-060806	06/08/06	7.10	<5.4	<0.050	0.012	<0.0044	<0.011	0.038	0.047	<0.022	<0.022	0.076
BT-14-060806	06/08/06	7.30	<5.6	<0.051	0.062	<0.0044	<0.011	0.014	0.016	<0.022	<0.022	0.034
BT-15-061606	06/16/06	7.50	<4.9	<0.049	0.0653	<0.0044	<0.011	0.021	0.013	<0.022	<0.022	0.034
BT-16-020807	02/08/07	7.20	<5.4	0.072	0.012	<0.0044	0.016	0.072	0.045	<0.022	<0.022	0.094
BT-17-020807	02/08/07	7.40	<5.7	0.17	0.024	<0.0044	0.029	0.210	0.140	<0.022	<0.022	0.210
BT-18-020807	02/08/07	7.40	<5.4	0.070	0.0051	<0.0044	<0.011	0.031	0.012	<0.022	<0.022	0.031
Discharge Criteria ⁶		5.0-12.0	100	9.46	1.0	0.6	2.75	3.0	2.0	2.0	2.5	5.0

Notes:

¹Samples were obtained from the onsite baker tanks. The last six numbers in the sample name represent the date the sample was obtained.

²pH analyzed using EPA Method 150.1.

³Non-polar fats, oils and grease (FOG) analyzed using EPA Method 1664A.

⁴Polychlorinated biphenyls analyzed using EPA Method 8082.

⁵Total metals analyzed using EPA Method 200.8 and 7470A.

⁶Discharge criteria for King County waste water discharge permit number 7702-01.

ug/l = micrograms per liter.

mg/l = milligrams per liter.

Chemical analyses performed by North Creek Analytical of Bothell, Washington or OnSite Environmental of Redmond, Washington.

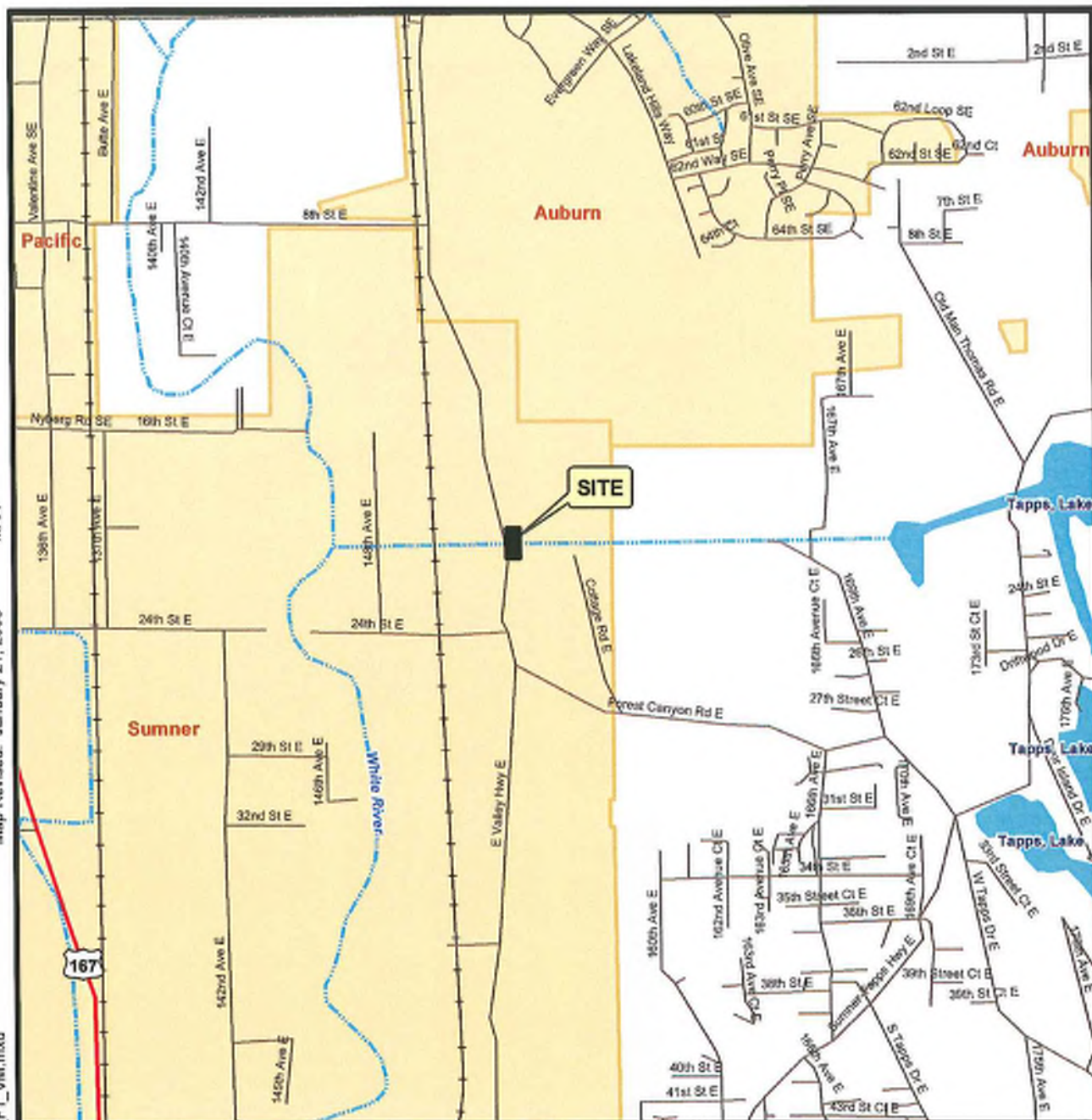
Bolding indicates analyte was detected.

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Map Revised: January 21, 2008

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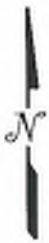
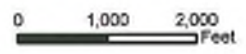


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Washington State Plane North
North American Datum 1983

Data Sources: Interstates, state routes, and roads from TIGER 2000.
County boundaries, cities, and waterbodies from Department of Ecology.

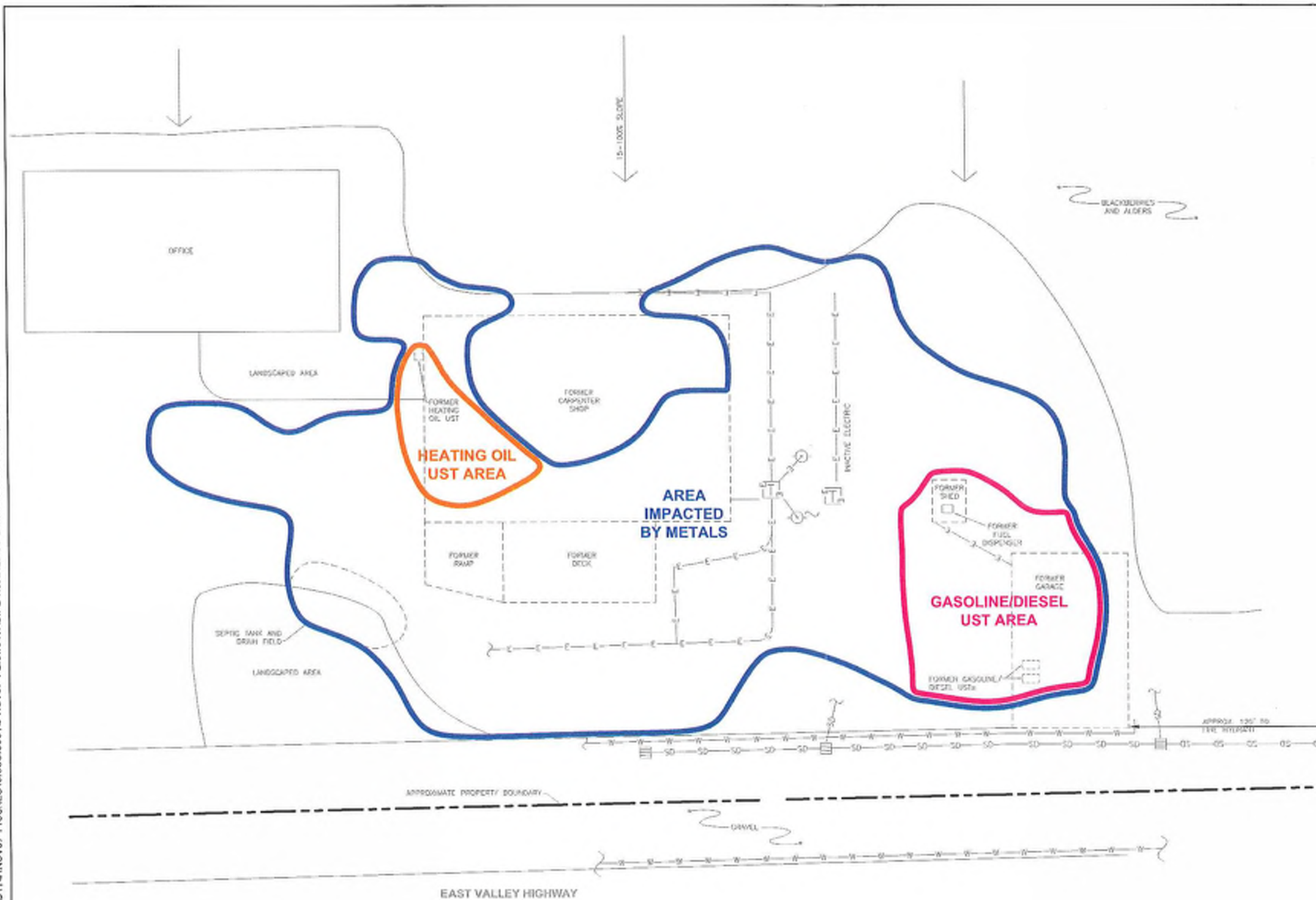
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It is intended to assist in showing features discussed
in an attached document.

All locations are approximate.



VICINITY MAP	
Puget Sound Energy White River Power Plant Sumner, Washington	
GEOENGINEERS	FIGURE 1

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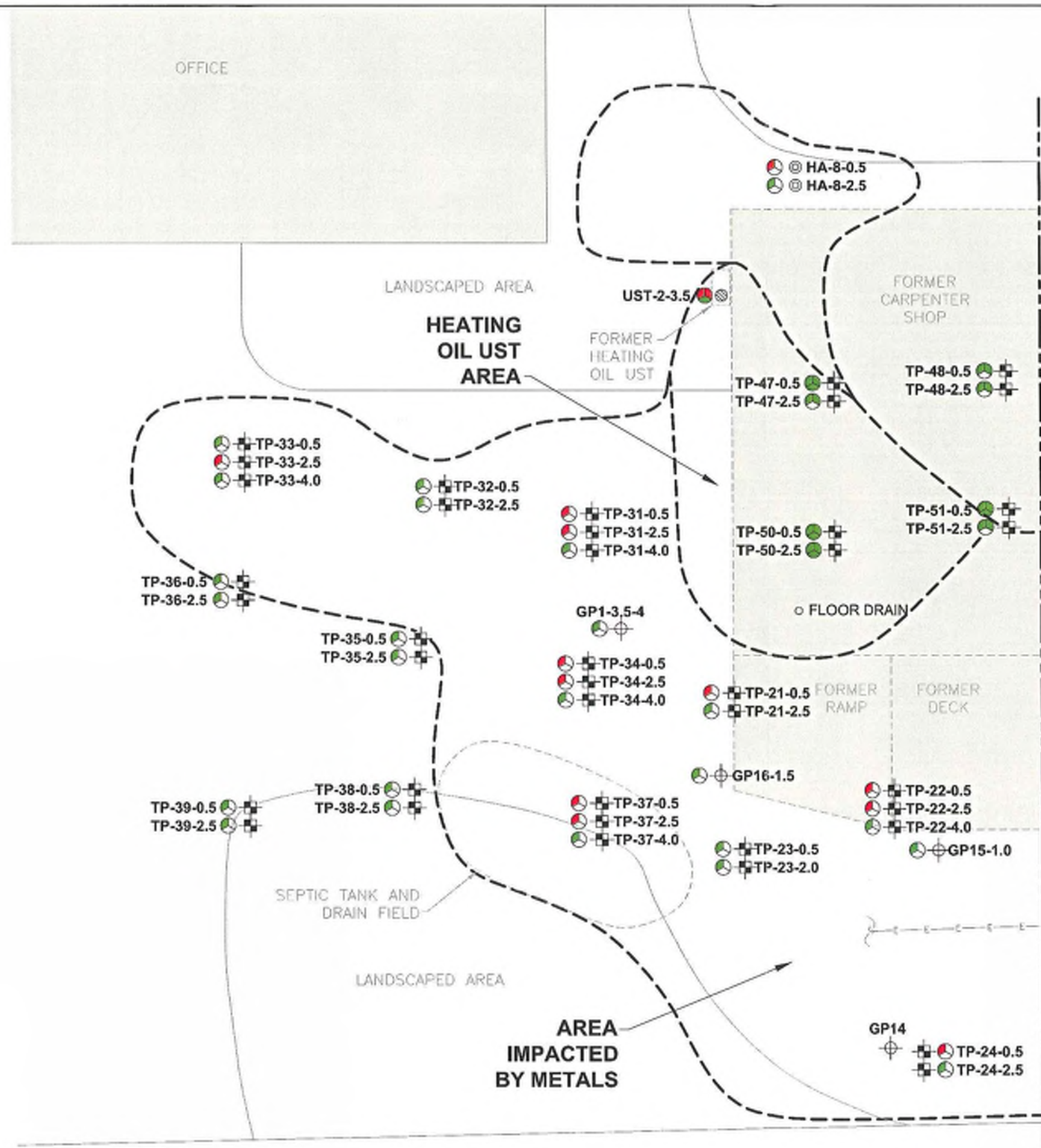


Notes:
 1. The locations of all features shown are approximate.
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 Reference: Drawing entitled "Cascade White River Project, Buckley/Sumner, Washington, Soil Boring Locations-Area South of Power Plant" dated 08/05, by SLR International Corp.



Impact Areas by Contamination Type	
PSE - White River Power Plant Sumner, WA	
GEOENGINEERS	Figure 2

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Legend:

- Final Excavation Limits (See Figure 2)
- UST-2 ⊗ Discrete Soil Sample
- TP-21 ⊕ Test Pit
- GP1 ⊕ Soil Boring (Completed by SLR)
- HA-8 ⊗ Hand Auger
- Metals ⊕ TPH
- PAHs ⊕
- Red shaded areas indicate one or more of the specified analytes were detected at a concentration greater than applicable MTCA cleanup levels for soil.
- Green shaded areas indicate one or more of the specified analytes were either not detected or detected at a concentration less than applicable MTCA cleanup levels for soil.
- Non-shaded areas indicate specified analytes were not tested.
- Metals - Lead and/or arsenic.
- TPH - Gasoline, diesel and heavy oil-range hydrocarbons, benzene, ethylbenzene, toluene, and/or xylene.
- PAHs - Polycyclic aromatic hydrocarbons.
- TP-22-0.5 The last number in each sample ID indicates sample depth in feet below ground surface.
- Soil for exploration GP14 was not submitted for chemical analysis.

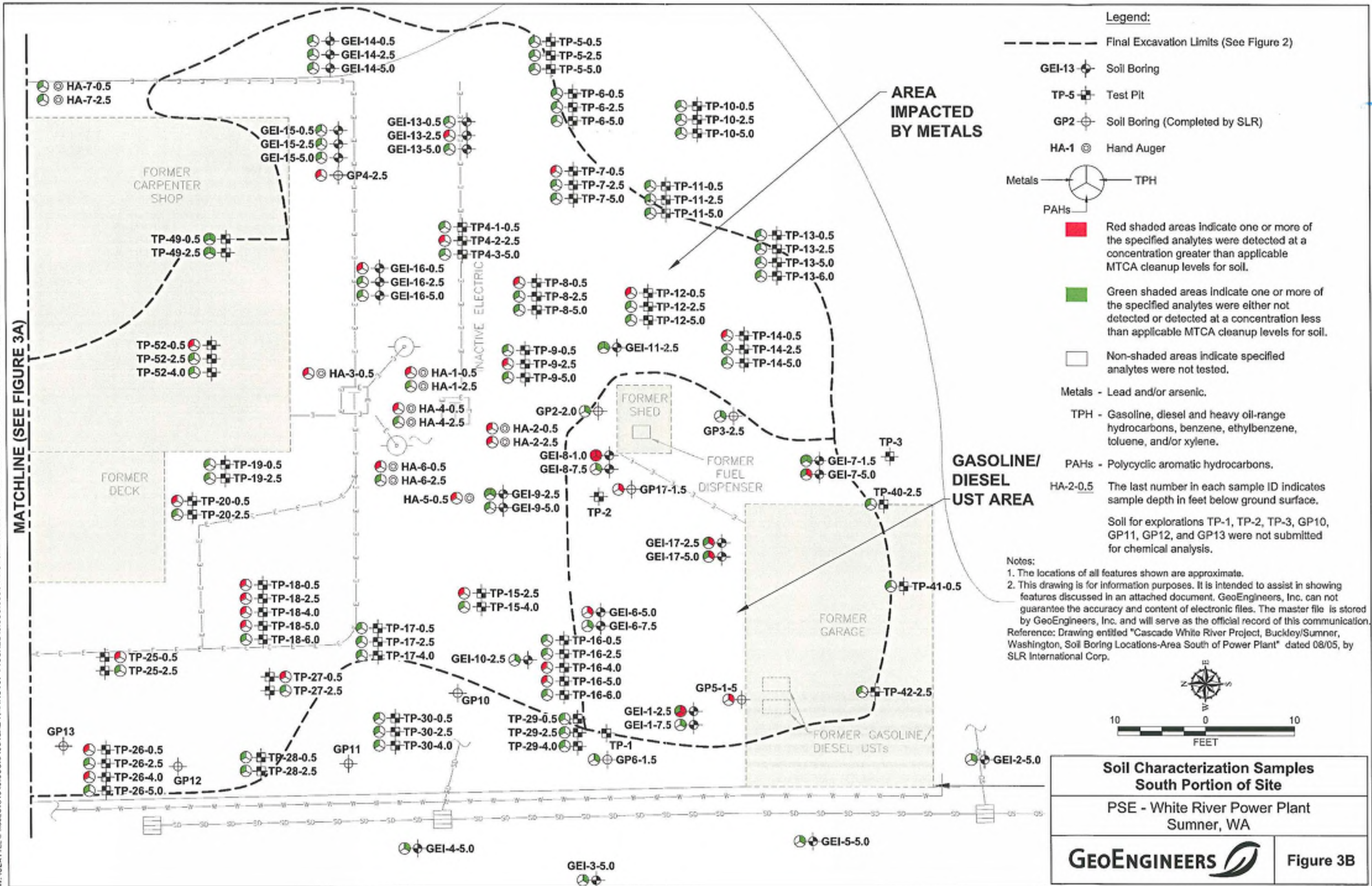
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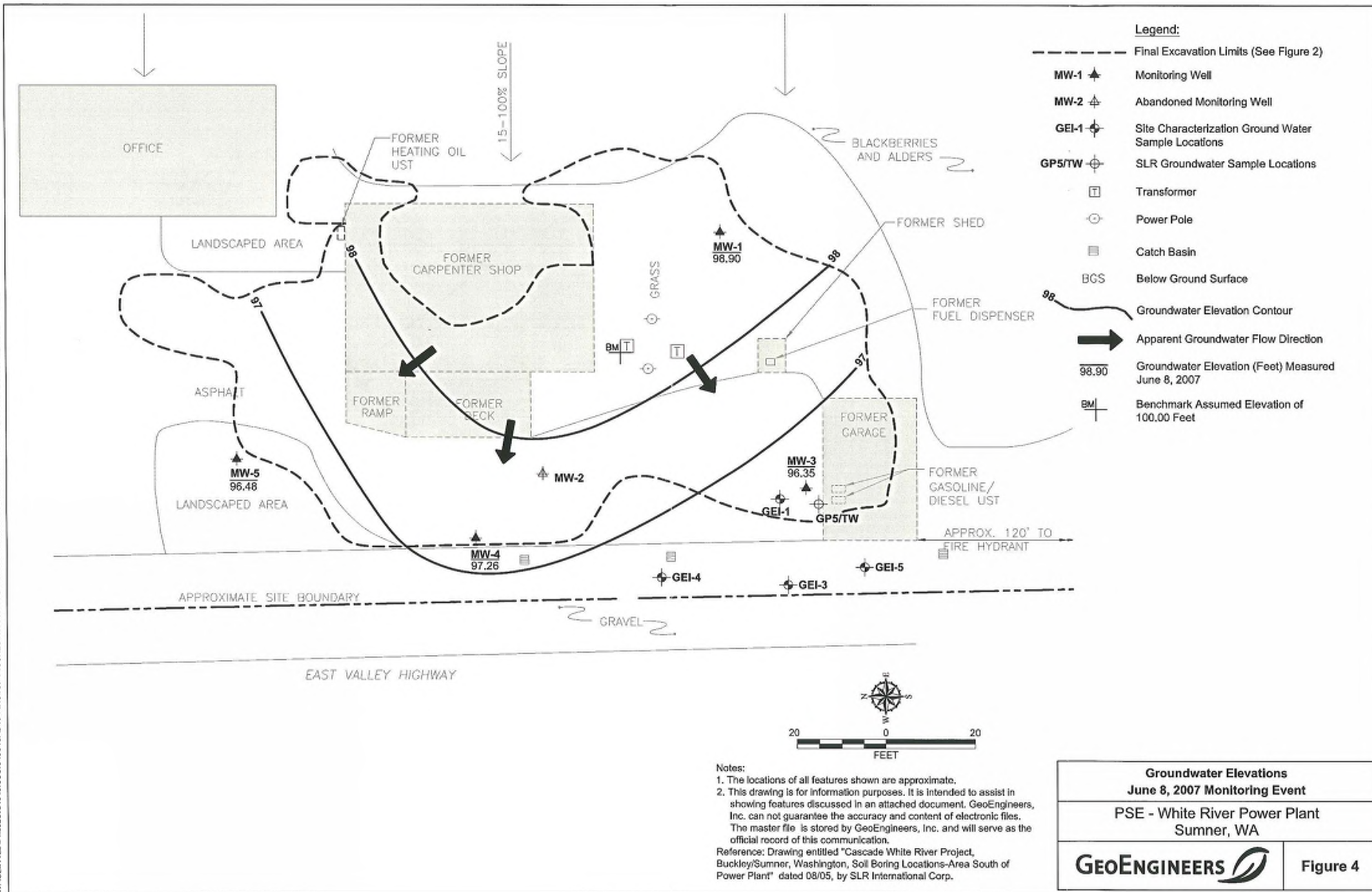


Soil Characterization Samples North Portion of Site	
PSE - White River Power Plant Sumner, WA	
GEOENGINEERS	Figure 3A

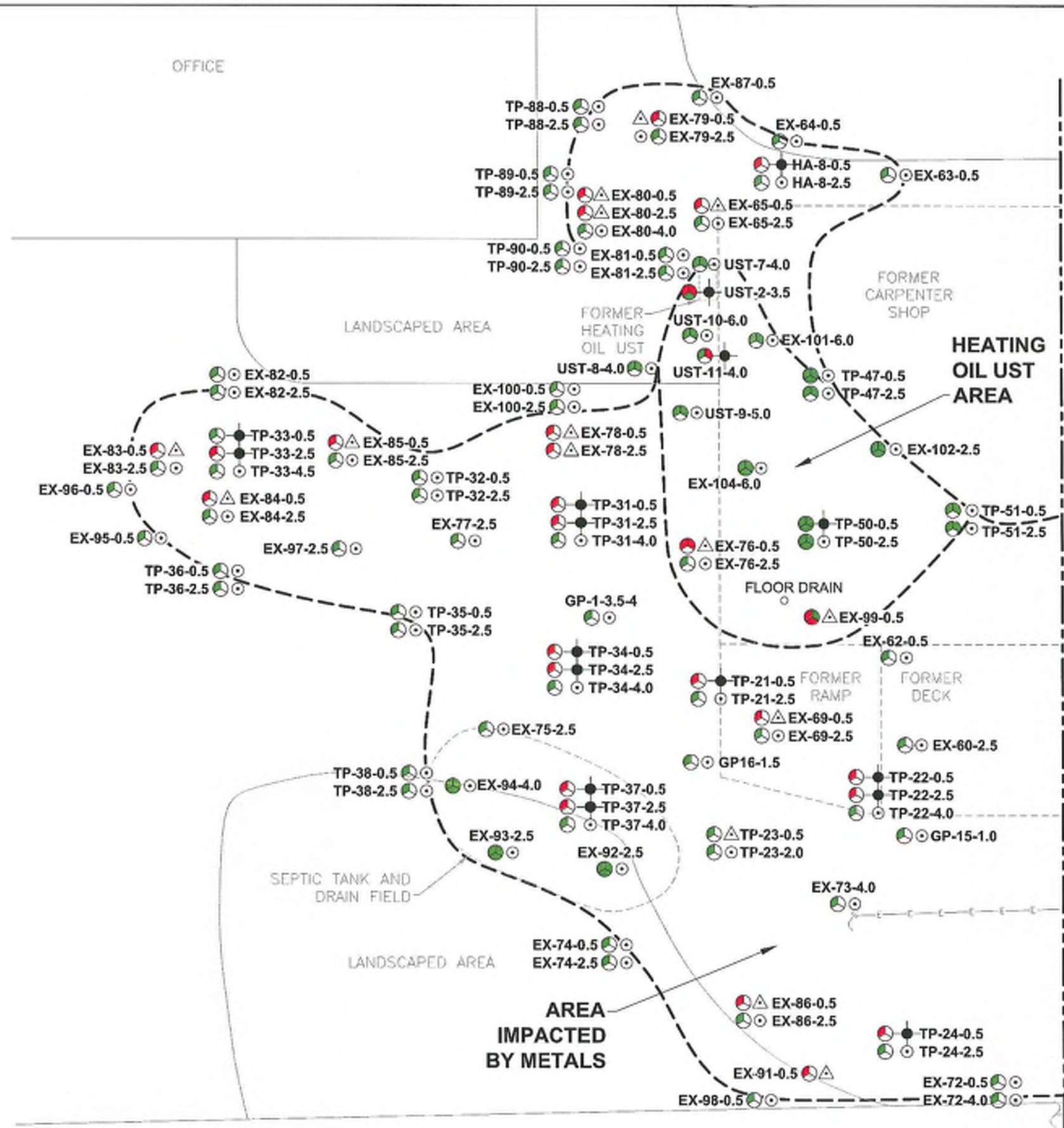
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MATCHLINE (SEE FIGURE 5B)

Legend:

- Final Excavation Limits (See Figure 2)
- Overexcavated Site Characterization Sample
- △ Overexcavated Confirmation Sample
- Final Limit Confirmation Sample

Metals → (circle with cross) → TPH

PAHs → (circle with dot)

- Red shaded areas indicate one or more of the specified analytes were detected at a concentration greater than applicable MTCA cleanup levels for soil.
- Green shaded areas indicate one or more of the specified analytes were either not detected or detected at a concentration less than applicable MTCA cleanup levels for soil.
- Non-shaded areas indicate specified analytes were not tested.

Metals - Lead and/or arsenic.

TPH - Gasoline, diesel and heavy oil-range hydrocarbons, benzene, ethylbenzene, toluene, and/or xylene.

PAHs - Polycyclic aromatic hydrocarbons.

TP-22-0.5 The last number in each sample ID indicates sample depth in feet below ground surface.

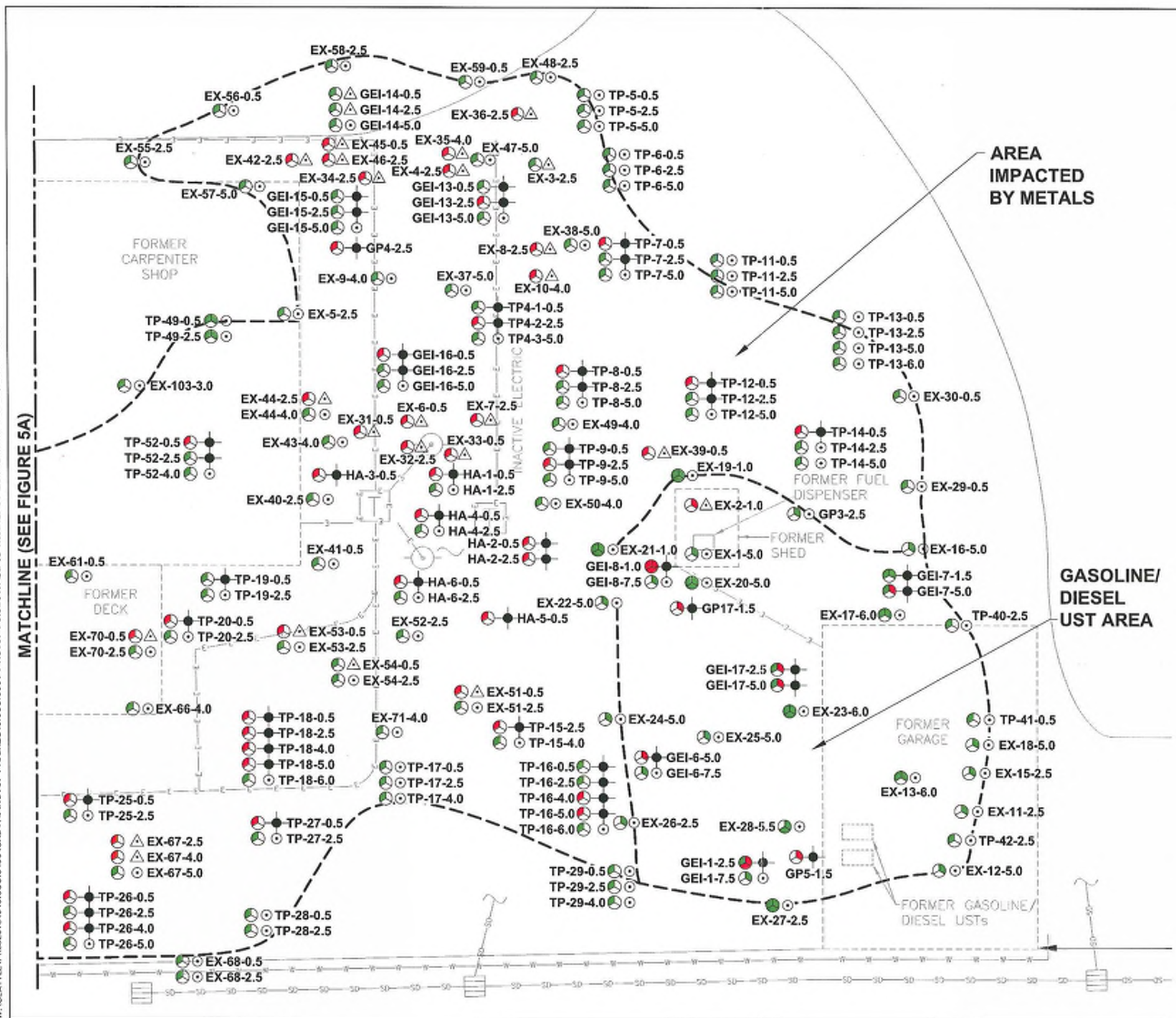
Notes:

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Confirmation Soil Samples North Portion of Site	
PSE - White River Power Plant Sumner, WA	
GEOENGINEERS	Figure 5A

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Legend:

- Final Excavation Limits (See Figure 2)
- Overexcavated Site Characterization Sample
- △ Overexcavated Confirmation Sample
- Final Limit Confirmation Sample

Metals → (circle with cross) → TPH
 PAHs → (circle with dot)

- Red shaded areas indicate one or more of the specified analytes were detected at a concentration greater than applicable MTCA cleanup levels for soil.
- Green shaded areas indicate one or more of the specified analytes were either not detected or detected at a concentration less than applicable MTCA cleanup levels for soil.
- Non-shaded areas indicate specified analytes were not tested.

Metals - Lead and/or arsenic.
 TPH - Gasoline, diesel and heavy oil-range hydrocarbons, benzene, ethylbenzene, toluene, and/or xylene.
 PAHs - Polycyclic aromatic hydrocarbons.

EX-4-2.5 The last number in each sample ID indicates sample depth in feet below ground surface.

Notes:

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**Confirmation Soil Samples
South Portion of Site**

PSE - White River Power Plant
Sumner, WA

Figure 5B

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**GROUNDWATER COMPLIANCE MONITORING
SUMMARY REPORT
WHITE RIVER POWER PLANT
SUMNER, WASHINGTON**

MAY 8, 2008

**FOR
PUGET SOUND ENERGY**

**Groundwater Compliance Monitoring
Summary Report
File No. 0186-618-00
May 8, 2008**

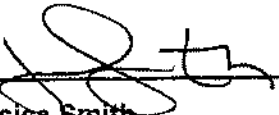
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**Puget Sound Energy
PO Box 90868 EST-06E
Bellevue, Washington 98009-0868**


Attention: John Rork

Prepared by:

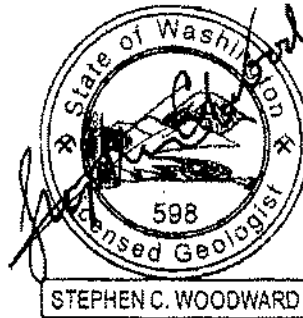
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TABLE OF CONTENTS

	<u>Page No.</u>
INTRODUCTION.....	1
GROUNDWATER MONITORING RESULTS	1
CONCLUSIONS.....	2
LIMITATIONS.....	2

List of Tables

Table 1. Groundwater Elevations

Table 2. Groundwater Chemical Analytical Data

List of Figures

Figure 1. Vicinity Map

Figure 2. Groundwater Elevations, March 2008

APPENDICES

APPENDIX A – FIELD PROCEDURES

APPENDIX B – CHEMICAL DATA

**GROUNDWATER COMPLIANCE MONITORING
SUMMARY REPORT
WHITE RIVER POWER PLANT
SUMNER, WASHINGTON**

INTRODUCTION

This report presents the results of the second, third and fourth groundwater monitoring events conducted at Puget Sound Energy's White River Power Plant facility located at 2111 East Valley Highway in Sumner, Washington. The general vicinity of the site is shown in Figure 1. A cleanup action was completed between March 2006 and February 2007. The results of the cleanup action are summarized in GeoEngineers' report titled "Environmental Site Characterization and Cleanup Action Report, White River Power Plant, Sumner, Washington" dated January 28, 2008. Groundwater compliance monitoring activities began at the site in June 2007 after the cleanup action was completed and the site was restored. Monitoring well installation activities, monitoring well boring logs and a summary of the groundwater monitoring event are included in the cleanup action report.

Groundwater compliance monitoring activities were conducted on a quarterly basis in June 2007, September 2007, December 2007 and March 2008, for a total of four quarters. This report summarizes the last three groundwater monitoring events. The purpose of the groundwater compliance monitoring program was to evaluate the effectiveness of the cleanup action. GeoEngineers' scope of work was outlined in the "Work Plan and Fee Estimate" dated September 7, 2005.

GROUNDWATER MONITORING RESULTS

GeoEngineers measured depth to groundwater and obtained groundwater samples for chemical analysis from four groundwater monitoring wells (MW-1, MW-3-, MW-4 and MW-5) at the White River Power Plant in September 2007, December 2007 and March 2008.

The location of the monitoring wells, groundwater elevations for the most recent (March 20, 2008) monitoring event and interpolated groundwater flow direction are shown in Figure 2. Depth to groundwater and groundwater elevations are presented on Table 1. Chemical analytical results are presented in Table 2. GeoEngineers' field and sampling procedures are included in Appendix A. Laboratory reports are included in Appendix B.

Sample date: September 7, 2007, December 6, 2007 and March 20, 2008

Wells gauged: MW-1, MW-3, MW-4 and MW-5

Free product (well/thickness): None

Recent groundwater flow direction history:

Date	09/07/07	12/06/07	03/20/08
Flow direction	West	West	West

Wells sampled: MW-1, MW-3, MW-4 and MW-5

Purge/sample methods: Low flow sampling method.

Chemical testing: Groundwater samples were submitted for analysis of gasoline-, diesel- and lube oil-range hydrocarbons, volatiles (BETX, MTBE, EDB, EDC), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and total and dissolved metals (arsenic and lead).

Chemical testing results: The analytes tested either were not detected or were detected at concentrations less than Model Toxics Control Act (MTCA) cleanup levels for unrestricted land use (Table 2).

CONCLUSIONS

Four quarterly groundwater monitoring events have been completed since contaminated soil was removed from the site. Chemical analytical results indicate that groundwater beneath the site complies with MTA cleanup levels for unrestricted land use. In our opinion, no further action for soil or groundwater is required at the site based on the groundwater monitoring results and soil remedial activities summarized in our January 28, 2008 report.

LIMITATIONS

This report has been prepared for the exclusive use of Puget Sound Energy, their authorized agents and regulatory agencies. No other party may rely on the product of our services unless we agree in advance and in writing to such reliance. This is to provide our firm with reasonable protection against open-ended liability claims by third parties with whom there would otherwise be no contractual limits to their actions.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with our general agreement with PSE (Contract No. 4600001763) and with generally accepted environmental science practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

Any electronic form of this document (email, text, table, and/or figure), if provided, and any attachments are only a copy of a master document. The master hard copy is stored by GeoEngineers, Inc. and will serve as the official document of record.

TABLE 1
GROUND WATER ELEVATIONS
PSE WHITE RIVER POWER PLANT
SUMNER, WASHINGTON

Monitoring Well ¹	Date Measured	Depth to Ground Water ² (feet)	Ground Water Elevation ³ (feet)
MW-1	06/08/07	3.02	98.90
	09/04/07	3.08	98.84
	12/06/07	2.92	99.00
	03/20/08	2.91	99.01
MW-3	06/08/07	2.28	96.35
	09/04/07	2.27	96.36
	12/06/07	2.10	96.53
	03/20/08	2.11	96.52
MW-4	06/08/07	2.07	97.26
	09/04/07	2.11	96.22
	12/06/07	1.86	96.47
	03/20/08	1.83	96.50
MW-5	06/08/07	2.97	96.48
	09/04/07	3.04	96.41
	12/06/07	2.69	96.76
	03/20/08	2.68	96.77

Notes:

¹ Approximate locations of the monitoring wells are shown in Figure 2.

² The depths to ground water were measured relative to the top of each well casing.

³ Ground water elevations were calculated by subtracting the water depths from the respective well casing elevations. The well casing elevations were derived relative to an arbitrary site datum with an assumed elevation of 100 feet.

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TABLE 2
GROUND WATER CHEMICAL ANALYTICAL DATA¹
PSE WHITE RIVER POWER PLANT
SUMNER, WASHINGTON

Sample Number ²	Date Sampled	Petroleum Hydrocarbons ³			Volatile Organic Compounds ⁴							PAHs ⁸			PCBs ¹¹ (µg/l)	Metals ¹²			
		Gasoline-range	Diesel-range	Heavy Oil-range	B	E	T	X	MTBE ⁵	EDC ⁶	EDB ⁷	Non-carcinogenic (µg/l)	Carcinogenic ⁹ (µg/l)	(TEQ) ¹⁰		Total	Dissolved	Total	Dissolved
MW-1	06/08/07	<0.100	<0.25	<0.40	<0.50	<0.50	<0.50	<1.0	<0.20	<0.20	<0.0095	ND	ND	0.0086	<0.048	3.7	3.4	<1.1	<1.0
	09/04/07	<0.100	<0.25	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.0093	ND	Chrysene - 0.016	0.0087	<0.048	4.8	4.9	<1.0	<1.0
	12/06/07	<0.100	<0.25	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.00963	ND	ND	0.0086	<0.047	<3.3	<3.0	<1.1	<1.0
	03/20/08	<0.100	<0.25	<0.40	<0.20	<0.20	<1.0	<0.40	<0.20	<0.20	<0.0092	ND	ND	0.0086	<0.047	<3.3	<3.0	<1.1	<1.0
MW-3	06/08/07	<0.100	<0.25	<0.40	<0.50	<0.50	<0.50	<1.0	<0.20	<0.20	<0.0095	ND	ND	0.0086	<0.047	<3.3	3.3	<1.1	<1.0
	09/04/07	<0.100	<0.25	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.0093	ND	ND	0.0086	<0.047	3.8	3.5	<1.1	<1.0
	12/06/07	<0.100	<0.25	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.0095	ND	ND	0.0086	<0.047	<3.3	<3.0	<1.1	<1.0
	03/20/08	<0.100	<0.25	<0.40	<0.20	<0.20	<1.0	<0.40	<0.20	<0.20	<0.0096	ND	ND	0.0086	<0.048	<3.3	<3.0	<1.1	<1.0
MW-4	06/08/07	<0.100	<0.25	<0.40	<0.50	<0.50	<0.50	<1.0	<0.20	<0.20	<0.0094	ND	ND	0.0086	<0.047	<3.3	3.1	<1.1	<1.0
	09/04/07	<0.100	<0.25	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.0094	ND	ND	0.0086	<0.047	4.2	3.9	<1.1	<1.0
	12/06/07	<0.100	<0.25	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.0094	ND	ND	0.0086	<0.048	<3.3	<3.0	<1.1	<1.0
	03/20/08	<0.100	<0.25	<0.40	<0.20	<0.20	<1.0	<0.40	<0.20	<0.20	<0.0095	ND	ND	0.0086	<0.047	<3.3	<3.0	<1.1	<1.0
MW-5	06/08/07	<0.100	<0.25	<0.40	<0.50	<0.50	<0.50	<1.0	<0.20	<0.20	<0.0094	ND	ND	0.0086	<0.047	<3.3	<3.0	<1.1	<1.0
	09/04/07	<0.100	0.41	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.0094	ND	ND	0.0086	<0.048	<3.3	<3.0	<1.1	<1.0
	12/06/07	<0.100	<0.25	<0.40	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.0095	ND	ND	0.0086	<0.047	<3.3	<3.0	<1.1	<1.0
	03/20/08	<0.100	<0.25	<0.40	<0.20	<0.20	<1.0	<0.40	<0.20	<0.20	<0.0097	ND	ND	0.0086	<0.047	<3.3	<3.0	<1.1	<1.0
MTCA Method A Cleanup Level ¹³		1.0	0.500	0.500	5	700	1,000	1,000	20	5	0.01	Varies	NA	0.1	0.1	5	15	5	15

Notes:

¹Chemical analysis performed by OnSite Environmental of Redmond, Washington. Laboratory reports and our summary of QA/QC data are presented in Appendix B.

²Approximate monitoring well locations are shown in Figure 2.

³Petroleum hydrocarbons analyzed using Ecology Methods NWTPH-Gx/BTEX and NWTPH-Dx with acid-silica gel cleanup.

⁴Benzene, ethylbenzene, toluene and xylenes analyzed using EPA Method 8021B.

⁵Methyl tert-butyl ether analyzed using EPA Method 8260B.

⁶1,2-Dibromoethane analyzed using EPA Method 8011.

⁷1,2-Dichloroethane analyzed using EPA Method 8260B.

⁸Polycyclic Aromatic Hydrocarbons analyzed using EPA Method 8270 SIM. Refer to the laboratory report for the full list of analytes tested.

⁹Carcinogenic PAHs were not detected in any samples submitted for chemical analysis with the exception of chrysene in MW-1. The PQL for each of the carcinogenic PAHs was 0.0095 µg/L.

¹⁰Total cPAHs calculated using toxic equivalent (TEQ) relative to benzo(a)pyrene per WAC 173-340-708(8). cPAHs that were not detected were assigned a value of one-half the detection limit.

¹¹Polychlorinated biphenyls analyzed using EPA Method 8082.

¹²Lead and arsenic analyzed using EPA Method 6020 and 6010B.

¹³Cleanup level for unrestricted land use.

mg/l = milligrams per liter

µg/l = micrograms per liter

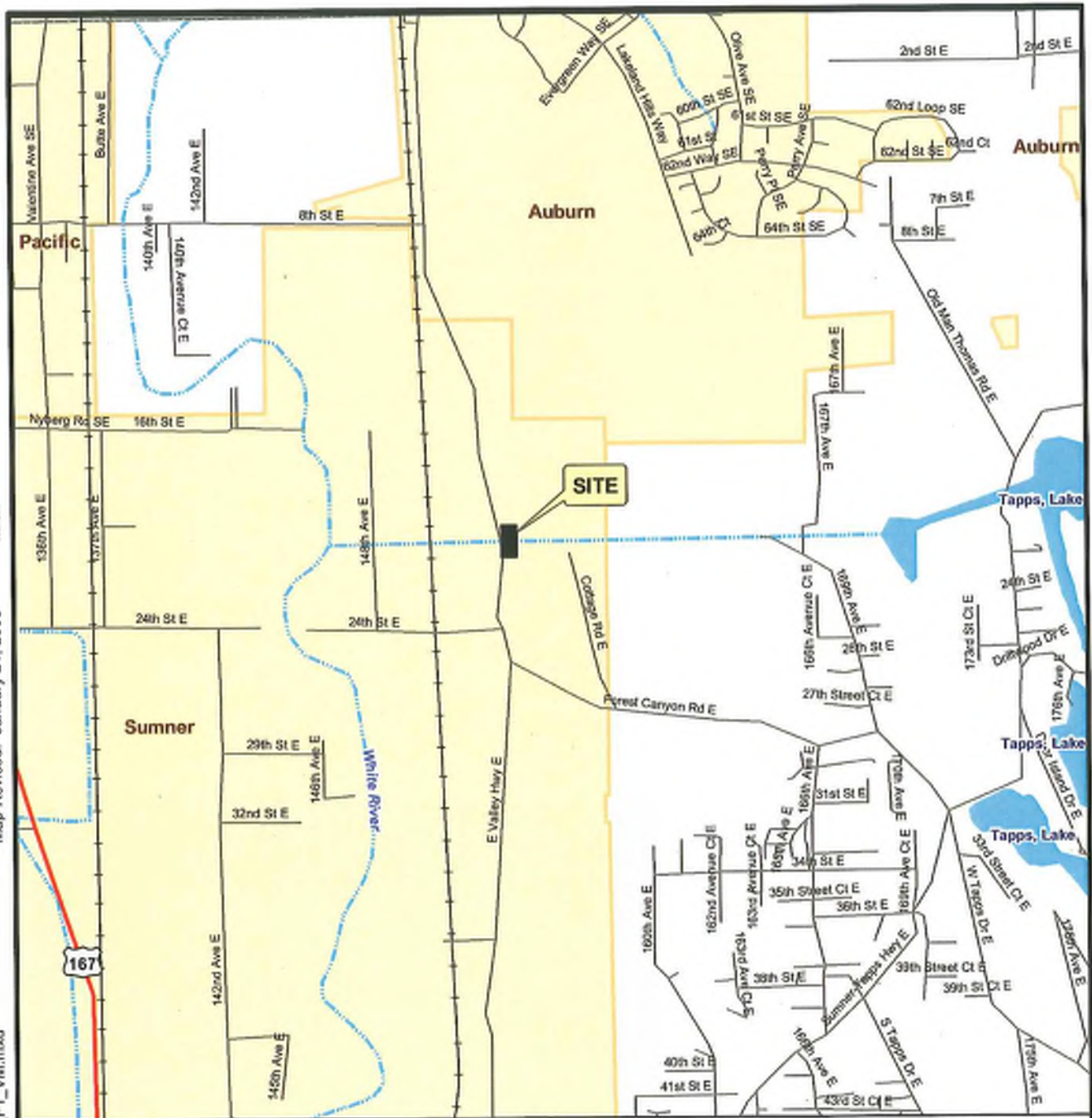
B = Benzene, E = Ethylbenzene, T = Toluene, X = Total Xylenes

ND = not detected

MTCA = Model Toxics Control Act

Bolding indicates analyte was detected.

Office: SEA Path: I:\018661800\GIS\018661800T06_F1_VM.mxd Map Revised: January 21, 2008 MAA



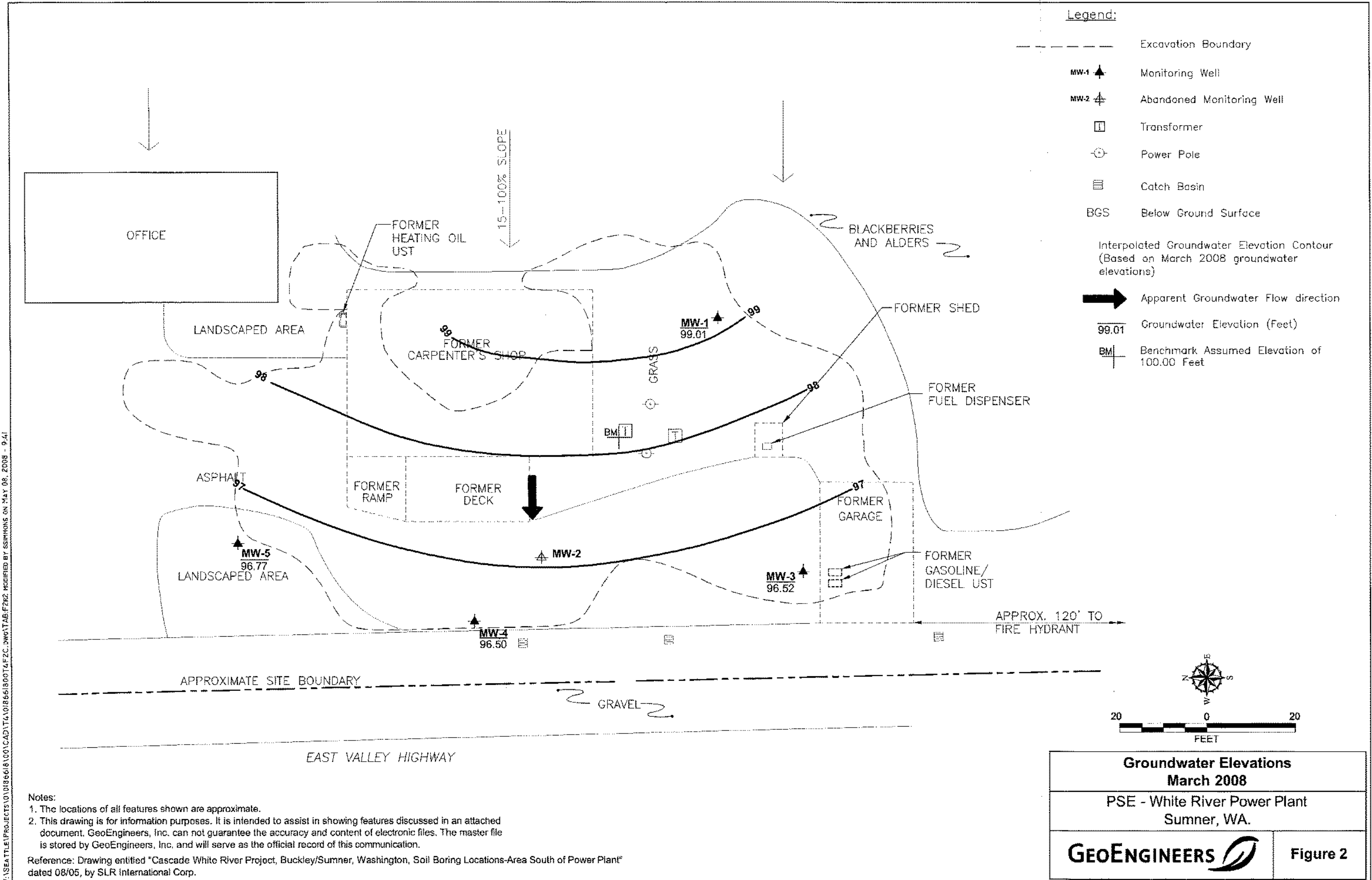
Lambert Conformal Conic
Washington State Plane North
North American Datum 1983

Data Sources: Interstates, state routes, and roads from TIGER 2000.
County boundaries, cities, and waterbodies from Department of Ecology.

Note: This drawing is for informational purposes.
It is intended to assist in showing features discussed
in an attached document.
All locations are approximate.



VICINITY MAP	
Puget Sound Energy White River Power Plant Sumner, Washington	
GEOENGINEERS	FIGURE 1



W:\SEA TLE\PROJECTS\10186616100\CAD\1410186616100T4\F2C.DWG\TAB\F2R2.MODIFIED BY SSIMMONS ON MAY 08, 2008 - 9.41

Groundwater Elevations March 2008	
PSE - White River Power Plant Sumner, WA.	
GEOENGINEERS	Figure 2

APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION



—
DATABASE
REPORT

Project Property: *Greenwater Storage
2306 East Valley Highway E
Sumner WA 98390*

Project No: *81227157*

Report Type: *Database Report*

Order No: *22052400974*

Requested by: *Terracon Consultants, Inc.*

Date Completed: *May 25, 2022*

Table of Contents

Table of Contents.....2

Executive Summary.....3

 Executive Summary: Report Summary.....4

 Executive Summary: Site Report Summary - Project Property.....8

 Executive Summary: Site Report Summary - Surrounding Properties.....10

 Executive Summary: Summary by Data Source.....16

Map.....26

 Aerial.....29

 Topographic Map.....30

Detail Report.....31

Unplottable Summary.....124

Unplottable Report.....125

Appendix: Database Descriptions.....126

Definitions.....139

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Executive Summary

Property Information:

Project Property: *Greenwater Storage
2306 East Valley Highway E Sumner WA 98390*

Project No: *81227157*

Coordinates:

Latitude:	<i>47.23739816</i>
Longitude:	<i>-122.22042743</i>
UTM Northing:	<i>5,231,840.57</i>
UTM Easting:	<i>559,004.29</i>
UTM Zone:	<i>10T</i>

Elevation: *365 FT*

Order Information:

Order No: *22052400974*

Date Requested: *May 24, 2022*

Requested by: *Terracon Consultants, Inc.*

Report Type: *Database Report*

Historicals/Products:

Aerial Photographs	<i>Historical Aerials Photographs</i>
City Directory Search	<i>CD - 2 Street Search</i>
ERIS Xplorer	<i>ERIS Xplorer</i>
Excel Add-On	<i>Excel Add-On</i>
Fire Insurance Maps	<i>US Fire Insurance Maps</i>
Topographic Map	<i>Topographic Maps</i>
terraDOCS Report	<i>terraDOCS (Terracon)</i>

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	1	2	0	-	-	3
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Phase 1 ESA - PART 1 OF 1

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
HSL	Y	1	0	0	0	0	0	0
CSCSL	Y	1	1	2	0	1	1	5
DELISTED SHWS	Y	1	0	0	0	0	0	0
CSCSL NFA	Y	0.5	0	1	0	1	-	2
SWF/LF	Y	0.5	0	1	0	1	-	2
RECYCLERS	Y	0.5	0	0	0	0	-	0
WASTE TIRE	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	1	1	0	1	-	3
LUST PTAP	Y	0.5	0	0	0	0	-	0
UST LOAN	Y	0.5	0	0	0	0	-	0
LST HOT	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	1	1	0	-	-	2
DELISTED LST	Y	0.5	0	0	0	0	-	0
AST	Y	0.25	0	0	0	-	-	0
AST SPL PREV	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	0	-	-	0
INST	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	1	0	0	-	1
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								

Phase 1 ESA - PART 1 OF 1

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
TP HIST LF	Y	0.5	0	1	0	1	-	2
HIST GAS STATION	Y	0.5	0	0	0	0	-	0

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	2	-	-	-	-	2
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0

Phase 1 ESA - PART 1 OF 1

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PCB	Y	0.5	0	0	0	0	-	0
State								
SPILLS	Y	0.125	3	12	-	-	-	15
SPILLS WATER	Y	0.125	0	2	-	-	-	2
ALL SITES	Y	0.5	1	7	4	16	-	28
ERTS	Y	0.125	3	10	-	-	-	13
ICR	Y	0.5	1	3	0	1	-	5
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
TIER 2	Y	0.125	0	3	-	-	-	3
CDL	Y	PO	0	-	-	-	-	0
HIST CDL	Y	PO	0	-	-	-	-	0
AIR PERMITS	Y	0.25	0	0	0	-	-	0
UIC	Y	PO	0	1	-	-	-	1

Tribal *No Tribal additional environmental record sources available for this State.*

County *No County additional environmental databases were selected to be included in the search.*

Total: 14 48 4 22 1 89

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	PSE WHITE RIVER GENERATING STATION	2111 E VALLEY HWY SUMNER WA 98390-9580 <i>Registry ID: 110006459929</i>	W	0.00 / 0.00	-280	31
1	CSCSL	PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	-280	31
1	UST	WHITERIVER GEN STA	2111 E VALLEY HWY Sumner WA 98390 <i>UST ID Site Active: 8524 No Tank Name Tank Status: 254 Removed, 253 Removed, 252 Closed in Place - No Site Assessment Found</i>	W	0.00 / 0.00	-280	32
1	ALL SITES	PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	-280	34
1	LUST	PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390 <i>Facility Site ID: 95724315</i>	W	0.00 / 0.00	-280	37
1	ICR	PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	-280	38
1	RCRA NON GEN	PSE WHITE RIVER GENERATING STATION	2111 E VALLEY HWY SUMNER WA 98390 <i>EPA Handler ID: WAD982659385</i>	W	0.00 / 0.00	-280	39
1	ERTS	THE WHITE RIVER POWER PLANT	2111 E VALLEY HWY SUMNER WA 98390-	W	0.00 / 0.00	-280	49
1	ERTS	PSE Power House	2111 E Valley Hwy SUMNER WA	W	0.00 / 0.00	-280	52
1	ERTS		2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	-280	53
1	FINDS/FRS	PSE WHITE RIVER GENERATING STATION	2111 E VALLEY HWY SUMNER WA 98390 <i>Registry ID: 110070727470</i>	W	0.00 / 0.00	-280	55
1	SPILLS	NULL	2111 E VALLEY HWY SUMNER WA <i>Incident ID Incident Date: 45061 12/14/2011</i>	W	0.00 / 0.00	-280	56
1	SPILLS	PSE Power House	2111 E Valley Hwy SUMNER WA <i>Incident ID Incident Date: 84874 9/12/2015</i>	W	0.00 / 0.00	-280	56

Phase 1 ESA - PART 1 OF 1

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>1</u>	SPILLS		2111 E VALLEY HWY SUMNER WA	W	0.00 / 0.00	-280	<u>56</u>

Incident ID | Incident Date: 630940 |

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	UST	ID P3	2300 E VALLEY RD Sumner WA 98390 <i>UST ID Site Active: 388 No Tank Name Tank Status: 1 Removed</i>	WSW	0.01 / 27.25	-294	57
3	ERTS		2110 E Valley Hwy SUMNER WA 98390	W	0.01 / 50.84	-301	58
3	SPILLS WATER		2110 E Valley Hwy E SUMNER WA	W	0.01 / 50.84	-301	59
4	UIC	PUGET SOUND ENERGY DIERINGER SUBSTATION	2210 E VALLEY HIGHWAY SUMNER WA 98340 <i>Site No: 31259</i>	W	0.01 / 70.36	-298	60
5	TIER 2	NORTHWEST PIPELINE N TACOMA METER STATION	SEC 7 T20N R5E PIERCE CO WA NULL	WSW	0.03 / 175.68	-295	60
6	RCRA NON GEN	NORTHWEST PIPELINE GP NORTH TACOMA	15209 24TH ST E SUMNER WA 98390 <i>EPA Handler ID: WAD988479002</i>	WSW	0.04 / 186.44	-304	62
6	CSCSL NFA	NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	-304	67
6	ALL SITES	NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	-304	68
6	ALL SITES	Northwest Pipeline GP North Tacoma	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	-304	68
6	ICR	NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	-304	70
6	VCP	NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	-304	71
6	ERTS	PSE N TACOMA GATE STATION	15209 24TH ST EAST SUMNER WA	WSW	0.04 / 186.44	-304	72

Phase 1 ESA - PART 1 OF 1

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	ERTS		15209 24th St E SUMNER WA 98390	WSW	0.04 / 186.44	-304	73
6	SPILLS		15209 24th St E SUMNER WA <i>Incident ID Incident Date:</i> 93468 5/1/2017	WSW	0.04 / 186.44	-304	76
6	SPILLS	NULL	15209 24TH ST EAST SUMNER WA <i>Incident ID Incident Date:</i> 605410 1/30/2008	WSW	0.04 / 186.44	-304	76
6	SPILLS		15209 24TH ST EAST SUMNER WA <i>Incident ID Incident Date:</i> 605410	WSW	0.04 / 186.44	-304	76
7	ERTS		15125 24TH ST E SUMNER WA	WSW	0.04 / 188.60	-302	77
7	SPILLS	NULL	15125 24TH ST E SUMNER WA <i>Incident ID Incident Date:</i> 560131 1/18/2007	WSW	0.04 / 188.60	-302	79
7	SPILLS		15125 24TH ST E SUMNER WA <i>Incident ID Incident Date:</i> 560131	WSW	0.04 / 188.60	-302	79
8	ERTS		16114 22nd St E BONNEY LAKE WA 98391	E	0.04 / 189.40	217	80
9	SPILLS	Bridge	SUMNER WA <i>Incident ID Incident Date:</i> 110881 4/18/2020	W	0.04 / 194.38	-299	81
9	SPILLS WATER		Bridge SUMNER WA	W	0.04 / 194.38	-299	81
10	ALL SITES	PSE SUMNER	E VALLEY HWY & 24 ST E SUMNER WA 98390	WSW	0.05 / 238.14	-294	81
10	TIER 2	PSE N TACOMA GATE STATION	24th ST E AND E VALLEY HWY SUMNER WA 98390	WSW	0.05 / 238.14	-294	82
11	ALL SITES	PSE N TACOMA GATE STATION	24TH ST E & E VALLEY HWY TACOMA WA 98001	WSW	0.05 / 240.67	-289	84

Phase 1 ESA - PART 1 OF 1

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
11	ALL SITES	PSE DIERINGER	24TH ST E & E VALLEY HWY DIERINGER WA 98241	WSW	0.05 / 240.67	-289	85
12	SPILLS		SUMNER WA <i>Incident ID Incident Date:</i> 120659 01/24/2022	WSW	0.05 / 245.48	-294	85
13	ERTS		16115 23rd St E BONNEY LAKE WA	E	0.06 / 336.74	218	86
13	SPILLS	NULL	16115 23rd St E BONNEY LAKE WA <i>Incident ID Incident Date:</i> 30246 8/1/2013	E	0.06 / 336.74	218	87
13	SPILLS		16115 23rd St E BONNEY LAKE WA <i>Incident ID Incident Date:</i> 642862	E	0.06 / 336.74	218	87
14	CSCSL	PSE WHITE RIVER SUBSTATION	2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.07 / 391.90	253	87
14	ALL SITES	PSE WHITE RIVER SUBSTATION	2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.07 / 391.90	253	88
14	ICR	PSE WHITE RIVER SUBSTATION	2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.07 / 391.90	253	89
14	TIER 2	PSE White River Transmission Substation	2120 Lakeland Hills Way Bonney Lake WA 98391	E	0.07 / 391.90	253	89
14	ERTS	Puget Sound Energy White River Substation	2120 Lakeland Hills Way BONNEY LAKE WA	E	0.07 / 391.90	253	92
14	SPILLS	NULL	2120 Lakeland Hills Way BONNEY LAKE WA <i>Incident ID Incident Date:</i> 633749 12/17/2009	E	0.07 / 391.90	253	93
14	SPILLS		2120 Lakeland Hills Way BONNEY LAKE WA <i>Incident ID Incident Date:</i> 633749	E	0.07 / 391.90	253	93
15	ERTS		14900 24th St E SUMNER WA 98390	WSW	0.11 / 584.76	-308	94

Phase 1 ESA - PART 1 OF 1

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	RCRA NON GEN	PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390 <i>EPA Handler ID:</i> WAR000005223	WNW	0.11 / 596.01	-298	96
16	CSCSL	PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390	WNW	0.11 / 596.01	-298	101
16	ALL SITES	PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390	WNW	0.11 / 596.01	-298	102
16	LUST	PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390 <i>Facility Site ID:</i> 9182967	WNW	0.11 / 596.01	-298	103
16	ICR	PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390	WNW	0.11 / 596.01	-298	103
16	ERTS	PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390-	WNW	0.11 / 596.01	-298	104
17	SPILLS	SEATTLE SUBDIVISION	MILEPOST 26.1X SEATTLE WA <i>Incident ID Incident Date:</i> 92147 1/26/2017	W	0.11 / 601.92	-313	106
18	SWF/LF	SEDRON SERVICES SUMNER SMF	2518 E VALLEY HWY Sumner WA 98284	SW	0.12 / 658.28	-299	106
18	ERTS		2518 E Valley Hwy SUMNER WA	SW	0.12 / 658.28	-299	107
19	TP HIST LF	AA Asphaltng	WA	WSW	0.12 / 659.09	-300	108
20	ALL SITES	PSE Pierce County 230kV Transmission Lin	Sumner WA 98390	E	0.14 / 731.27	272	108
21	ALL SITES	NORTH TACOMA ODORANT FACILITY	2401 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.23 / 1,229.35	271	109
21	ALL SITES	VERIZON WIRELESS PIPELINE AUBURN	1919 LAKELAND HILLS WAY E SUMNER WA 98390	E	0.23 / 1,229.35	271	109

Phase 1 ESA - PART 1 OF 1

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
21	ALL SITES	NORTHWEST PIPELINE N TACOMA ODORANT FACILITY	2300 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.23 / 1,229.35	271	110
22	ALL SITES	City Transfer Inc	2720 E VALLEY HWY SUMNER WA 98390	SW	0.26 / 1,378.64	-302	110
22	CSCSL NFA	City Transfer Inc	2720 E VALLEY HWY SUMNER WA 98390	SW	0.26 / 1,378.64	-302	111
22	LUST	City Transfer Inc	2720 E VALLEY HWY SUMNER WA 98390 <i>Facility Site ID: 8269212</i>	SW	0.26 / 1,378.64	-302	112
23	ALL SITES	FOREST CANYON HIGHLANDS NOVASTAR	EXTENSION OF LAKELAND HILLS WAY AUBURN WA 98390	E	0.28 / 1,489.64	260	112
24	ALL SITES	AT&T WIRELESS LAKE TAPPS	17501 N TAPPS HWY SUMNER WA 98390	S	0.29 / 1,520.90	-217	113
24	ALL SITES	FIRE STATION 2 SUMNER	21105 N TAPPS HWY SUMNER WA 98390	S	0.29 / 1,520.90	-217	113
25	ALL SITES	VALLEY VIEW DIERINGER PIT	2720 E VALLEY HWY E SUMNER WA 98390	SW	0.30 / 1,562.70	-302	114
26	SWF/LF	Kiblinger Dump	1706 East Valley Hwy Parcel #'s-952000-016-8,-017-3, &-017-4 Sumner WA	NW	0.31 / 1,626.79	-294	114
27	ALL SITES	Port City Express Inc	1700 E VALLEY HWY E SUMNER WA 98390	NW	0.31 / 1,647.37	-293	115
28	TP HIST LF	Kiblinger	1706 East Valley Hwy WA	NW	0.32 / 1,685.17	-294	115
29	ALL SITES	KENT CITY TRANSFER INC QUARRY SITE	2813 E VALLEY HWY SUMNER WA 98390	SW	0.36 / 1,876.08	-300	115
30	CSCSL	ATKINSON RENTAL PROPERTY	16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ESE	0.37 / 1,927.89	-1	116

Phase 1 ESA - PART 1 OF 1

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
30	ALL SITES	ATKINSON RENTAL PROPERTY	16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ESE	0.37 / 1,927.89	-1	116
30	ALL SITES	Forest Canyon Estates	16127 Forest Canyon Rd E Lake Tapps WA 98390	ESE	0.37 / 1,927.89	-1	117
30	ALL SITES	Forest Canyon Estates Sumner	16127 Forest Canyon Rd E Sumner WA 98390	ESE	0.37 / 1,927.89	-1	117
31	ALL SITES	FOREST CANYON HEIGHTS	16216 FOREST CANYON RD E SUMNER WA 98390	SE	0.38 / 2,014.50	-23	118
32	ALL SITES	Lakeland Commons II	16615 15th Street Ct E Auburn WA 98390	ENE	0.41 / 2,159.37	213	118
33	ICR	ATKINSON RENTAL PROPERTY	16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ESE	0.43 / 2,273.76	26	119
34	ALL SITES	Sumner Landing North Parking Lot	14401 24th St E Sumner WA 98390	W	0.45 / 2,366.89	-305	120
35	ALL SITES	Evergreen Facility Group	1402 Lake Tapps Parkway E 137th St Sumner Auburn WA 98092	NE	0.45 / 2,373.47	215	120
36	ALL SITES	Western Self Storage	1402 E VALLEY HWY E TACOMA WA 98421	NW	0.45 / 2,389.16	-297	121
37	ALL SITES	Haggen 3438	1406 Lake Tapps Pkwy E Auburn WA 98092	NE	0.47 / 2,463.75	217	121
38	CSCSL	Northwest Pipeline GP Sumner CS	3104 166TH AVE E SUMNER WA 98391	SE	0.61 / 3,194.72	110	122

Executive Summary: Summary by Data Source

Standard

Federal

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Apr 11, 2022 has found that there are 3 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE WHITE RIVER GENERATING STATION	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	1
	<i>EPA Handler ID: WAD982659385</i>			
NORTHWEST PIPELINE GP NORTH TACOMA	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	6
	<i>EPA Handler ID: WAD988479002</i>			
PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390	WNW	0.11 / 596.01	16
	<i>EPA Handler ID: WAR000005223</i>			

State

CSCSL - Confirmed and Suspected Contaminated Sites List

A search of the CSCSL database, dated Feb 18, 2022 has found that there are 5 CSCSL site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE WHITE RIVER SUBSTATION	2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.07 / 391.90	14
Northwest Pipeline GP Sumner CS	3104 166TH AVE E SUMNER WA 98391	SE	0.61 / 3,194.72	38
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	1
PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390	WNW	0.11 / 596.01	16

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ATKINSON RENTAL PROPERTY	16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ESE	0.37 / 1,927.89	30

CSCSL NFA - No Further Action Sites List

A search of the CSCSL NFA database, dated Feb 18, 2022 has found that there are 2 CSCSL NFA site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	6
City Transfer Inc	2720 E VALLEY HWY SUMNER WA 98390	SW	0.26 / 1,378.64	22

SWF/LF - Solid Waste Facility Database

A search of the SWF/LF database, dated Mar 11, 2022 has found that there are 2 SWF/LF site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SEDRON SERVICES SUMNER SMF	2518 E VALLEY HWY Sumner WA 98284	SW	0.12 / 658.28	18
Kiblinger Dump	1706 East Valley Hwy Parcel #'s- 952000-016-8, -017-3, & -017-4 Sumner WA	NW	0.31 / 1,626.79	26

LUST - Leaking Underground Storage Tank (LUST) List

A search of the LUST database, dated Feb 18, 2022 has found that there are 3 LUST site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390 <i>Facility Site ID: 95724315</i>	W	0.00 / 0.00	1
PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390 <i>Facility Site ID: 9182967</i>	WNW	0.11 / 596.01	16
City Transfer Inc	2720 E VALLEY HWY SUMNER WA 98390 <i>Facility Site ID: 8269212</i>	SW	0.26 / 1,378.64	22

UST - Underground Storage Tanks

A search of the UST database, dated Feb 18, 2022 has found that there are 2 UST site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
WHITERIVER GEN STA	2111 E VALLEY HWY Sumner WA 98390	W	0.00 / 0.00	1
<i>UST ID Site Active: 8524 No Tank Name Tank Status: 254 Removed, 253 Removed, 252 Closed in Place - No Site Assessment Found</i>				
ID P3	2300 E VALLEY RD Sumner WA 98390	WSW	0.01 / 27.25	2
<i>UST ID Site Active: 388 No Tank Name Tank Status: 1 Removed</i>				

VCP - Voluntary Cleanup Program

A search of the VCP database, dated Feb 18, 2022 has found that there are 1 VCP site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	6

County

TP HIST LF - Tacoma-Pierce County Closed Landfill Survey

A search of the TP HIST LF database, dated Dec 31, 2010 has found that there are 2 TP HIST LF site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AA Asphaltting	WA	WSW	0.12 / 659.09	19
Kiblinger	1706 East Valley Hwy WA	NW	0.32 / 1,685.17	28

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 2 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE WHITE RIVER GENERATING STATION	2111 E VALLEY HWY SUMNER WA 98390-9580	W	0.00 / 0.00	1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>Registry ID: 110006459929</i>			
PSE WHITE RIVER GENERATING STATION	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	1
	<i>Registry ID: 110070727470</i>			

State**SPILLS - Spills Incidents Sites**

A search of the SPILLS database, dated Mar 10, 2022 has found that there are 15 SPILLS site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	16115 23rd St E BONNEY LAKE WA	E	0.06 / 336.74	13
	<i>Incident ID Incident Date: 642862 </i>			
NULL	16115 23rd St E BONNEY LAKE WA	E	0.06 / 336.74	13
	<i>Incident ID Incident Date: 30246 8/1/2013</i>			
	2120 Lakeland Hills Way BONNEY LAKE WA	E	0.07 / 391.90	14
	<i>Incident ID Incident Date: 633749 </i>			
NULL	2120 Lakeland Hills Way BONNEY LAKE WA	E	0.07 / 391.90	14
	<i>Incident ID Incident Date: 633749 12/17/2009</i>			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE Power House	2111 E Valley Hwy SUMNER WA	W	0.00 / 0.00	1
	<i>Incident ID Incident Date: 84874 9/12/2015</i>			
	2111 E VALLEY HWY SUMNER WA	W	0.00 / 0.00	1
	<i>Incident ID Incident Date: 630940 </i>			
NULL	2111 E VALLEY HWY SUMNER WA	W	0.00 / 0.00	1
	<i>Incident ID Incident Date: 45061 12/14/2011</i>			
	15209 24th St E SUMNER WA	WSW	0.04 / 186.44	6
	<i>Incident ID Incident Date: 93468 5/1/2017</i>			
NULL	15209 24TH ST EAST SUMNER WA	WSW	0.04 / 186.44	6
	<i>Incident ID Incident Date: 605410 1/30/2008</i>			

Phase 1 ESA - PART 1 OF 1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	15209 24TH ST EAST SUMNER WA	WSW	0.04 / 186.44	6
	<i>Incident ID Incident Date: 605410 </i>			
NULL	15125 24TH ST E SUMNER WA	WSW	0.04 / 188.60	7
	<i>Incident ID Incident Date: 560131 1/18/2007</i>			
	15125 24TH ST E SUMNER WA	WSW	0.04 / 188.60	7
	<i>Incident ID Incident Date: 560131 </i>			
Bridge	SUMNER WA	W	0.04 / 194.38	9
	<i>Incident ID Incident Date: 110881 4/18/2020</i>			
	SUMNER WA	WSW	0.05 / 245.48	12
	<i>Incident ID Incident Date: 120659 01/24/2022</i>			
SEATTLE SUBDIVISION	MILEPOST 26.1X SEATTLE WA	W	0.11 / 601.92	17
	<i>Incident ID Incident Date: 92147 1/26/2017</i>			

SPILLS WATER - Reported Spills to Water

A search of the SPILLS WATER database, dated Apr 14, 2022 has found that there are 2 SPILLS WATER site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	2110 E Valley Hwy E SUMNER WA	W	0.01 / 50.84	3
	Bridge SUMNER WA	W	0.04 / 194.38	9

ALL SITES - Facility/Site Identification System

A search of the ALL SITES database, dated Mar 7, 2022 has found that there are 28 ALL SITES site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE WHITE RIVER SUBSTATION	2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.07 / 391.90	14
PSE Pierce County 230kV Transmission Lin	Sumner WA 98390	E	0.14 / 731.27	20

Phase 1 ESA - PART 1 OF 1

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NORTH TACOMA ODORANT FACILITY	2401 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.23 / 1,229.35	21
VERIZON WIRELESS PIPELINE AUBURN	1919 LAKELAND HILLS WAY E SUMNER WA 98390	E	0.23 / 1,229.35	21
NORTHWEST PIPELINE N TACOMA ODORANT FACILITY	2300 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.23 / 1,229.35	21
FOREST CANYON HIGHLANDS NOVASTAR	EXTENSION OF LAKELAND HILLS WAY AUBURN WA 98390	E	0.28 / 1,489.64	23
Lakeland Commons II	16615 15th Street Ct E Auburn WA 98390	ENE	0.41 / 2,159.37	32
Evergreen Facility Group	1402 Lake Tapps Parkway E 137th St Sumner Auburn WA 98092	NE	0.45 / 2,373.47	35
Haggen 3438	1406 Lake Tapps Pkwy E Auburn WA 98092	NE	0.47 / 2,463.75	37
<u>Lower Elevation</u>				
PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	1
NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	6
Northwest Pipeline GP North Tacoma	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	6
PSE SUMNER	E VALLEY HWY & 24 ST E SUMNER WA 98390	WSW	0.05 / 238.14	10
PSE N TACOMA GATE STATION	24TH ST E & E VALLEY HWY TACOMA WA 98001	WSW	0.05 / 240.67	11
PSE DIERINGER	24TH ST E & E VALLEY HWY DIERINGER WA 98241	WSW	0.05 / 240.67	11

Phase 1 ESA - PART 1 OF 1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390	WNW	0.11 / 596.01	16
City Transfer Inc	2720 E VALLEY HWY SUMNER WA 98390	SW	0.26 / 1,378.64	22
AT&T WIRELESS LAKE TAPPS	17501 N TAPPS HWY SUMNER WA 98390	S	0.29 / 1,520.90	24
FIRE STATION 2 SUMNER	21105 N TAPPS HWY SUMNER WA 98390	S	0.29 / 1,520.90	24
VALLEY VIEW DIERINGER PIT	2720 E VALLEY HWY E SUMNER WA 98390	SW	0.30 / 1,562.70	25
Port City Express Inc	1700 E VALLEY HWY E SUMNER WA 98390	NW	0.31 / 1,647.37	27
KENT CITY TRANSFER INC QUARRY SITE	2813 E VALLEY HWY SUMNER WA 98390	SW	0.36 / 1,876.08	29
Forest Canyon Estates	16127 Forest Canyon Rd E Lake Tapps WA 98390	ESE	0.37 / 1,927.89	30
Forest Canyon Estates Sumner	16127 Forest Canyon Rd E Sumner WA 98390	ESE	0.37 / 1,927.89	30
ATKINSON RENTAL PROPERTY	16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ESE	0.37 / 1,927.89	30
FOREST CANYON HEIGHTS	16216 FOREST CANYON RD E SUMNER WA 98390	SE	0.38 / 2,014.50	31
Sumner Landing North Parking Lot	14401 24th St E Sumner WA 98390	W	0.45 / 2,366.89	34
Western Self Storage	1402 E VALLEY HWY E TACOMA WA 98421	NW	0.45 / 2,389.16	36

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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ERTS - Environmental Report Tracking System (ERTS)

A search of the ERTS database, dated Nov 22, 2021 has found that there are 13 ERTS site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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	16114 22nd St E BONNEY LAKE WA 98391	E	0.04 / 189.40	8
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	16115 23rd St E BONNEY LAKE WA	E	0.06 / 336.74	13
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Puget Sound Energy White River Substation	2120 Lakeland Hills Way BONNEY LAKE WA	E	0.07 / 391.90	14
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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THE WHITE RIVER POWER PLANT	2111 E VALLEY HWY SUMNER WA 98390-	W	0.00 / 0.00	1
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PSE Power House	2111 E Valley Hwy SUMNER WA	W	0.00 / 0.00	1
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	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	1
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	2110 E Valley Hwy SUMNER WA 98390	W	0.01 / 50.84	3
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	15209 24th St E SUMNER WA 98390	WSW	0.04 / 186.44	6
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PSE N TACOMA GATE STATION	15209 24TH ST EAST SUMNER WA	WSW	0.04 / 186.44	6
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	15125 24TH ST E SUMNER WA	WSW	0.04 / 188.60	7
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	14900 24th St E SUMNER WA 98390	WSW	0.11 / 584.76	15
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Phase 1 ESA - PART 1 OF 1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390-	WNW	0.11 / 596.01	16
	2518 E Valley Hwy SUMNER WA	SW	0.12 / 658.28	18

ICR - Independent Cleanup Reports

A search of the ICR database, dated Nov 6, 2015 has found that there are 5 ICR site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE WHITE RIVER SUBSTATION	2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	E	0.07 / 391.90	14
ATKINSON RENTAL PROPERTY	16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ESE	0.43 / 2,273.76	33

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE White River Generating Station	2111 E VALLEY HWY SUMNER WA 98390	W	0.00 / 0.00	1
NORTH TACOMA METER STATION NW PIPELINE	15209 24TH ST E SUMNER WA 98390	WSW	0.04 / 186.44	6
PETERSEN BROTHERS INC	2008 E VALLEY HWY SUMNER WA 98390	WNW	0.11 / 596.01	16

TIER 2 - Tier 2 Report

A search of the TIER 2 database, dated Dec 15, 2021 has found that there are 3 TIER 2 site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PSE White River Transmission Substation	2120 Lakeland Hills Way Bonney Lake WA 98391	E	0.07 / 391.90	14

Phase 1 ESA - PART 1 OF 1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NORTHWEST PIPELINE N TACOMA METER STATION	SEC 7 T20N R5E PIERCE CO WA NULL	WSW	0.03 / 175.68	5
PSE N TACOMA GATE STATION	24th ST E AND E VALLEY HWY SUMNER WA 98390	WSW	0.05 / 238.14	10

UIC - Underground Injection Control Wells

A search of the UIC database, dated Oct 15, 2020 has found that there are 1 UIC site(s) within approximately 0.02 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PUGET SOUND ENERGY DIERINGER SUBSTATION	2210 E VALLEY HIGHWAY SUMNER WA 98340	W	0.01 / 70.36	4

Site No: 31259

Phase 1 ESA - PART 1 OF 1



Map: 1.0 Mile Radius

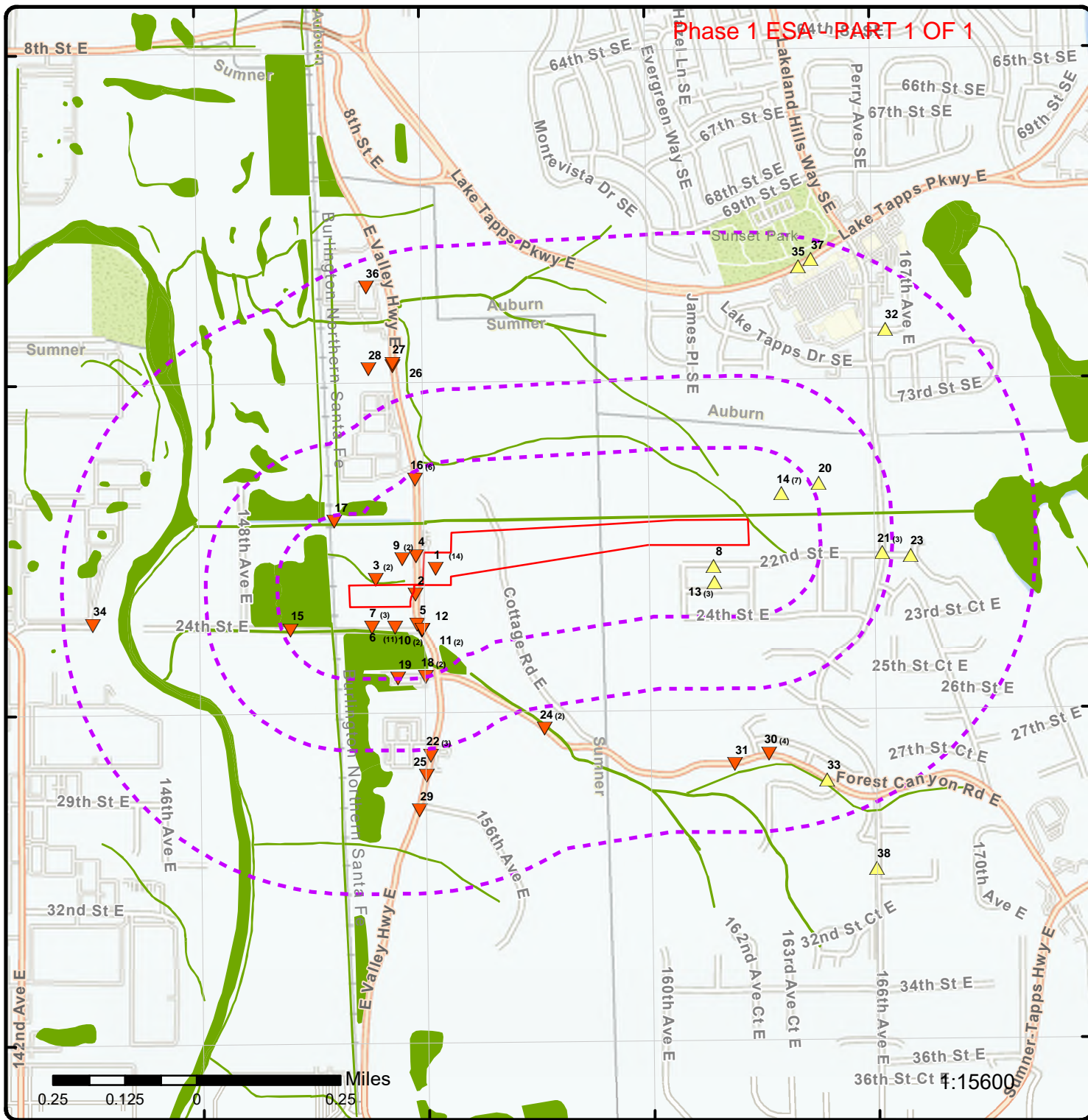
Order Number: 22052400974

Address: 2306 East Valley Highway E, Sumner, WA



- | | | | |
|-----------------------------------|------------------------|---------------------|-------------------------------|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Freeways; Highways | Country | National Wetland |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | Indian Reserve Land | Plume |
| Eris Sites with Lower Elevation | Major & Minor Arterial | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp | 100 Year Flood Zone | |
| Eris Areas with Higher Elevation | Local Road | | |
| Eris Areas with Same Elevation | Rail | | |
| Eris Areas with Lower Elevation | | | |
| Eris Areas with Unknown Elevation | | | |

Phase 1 ESA PART 1 OF 1



Map: 0.5 Mile Radius

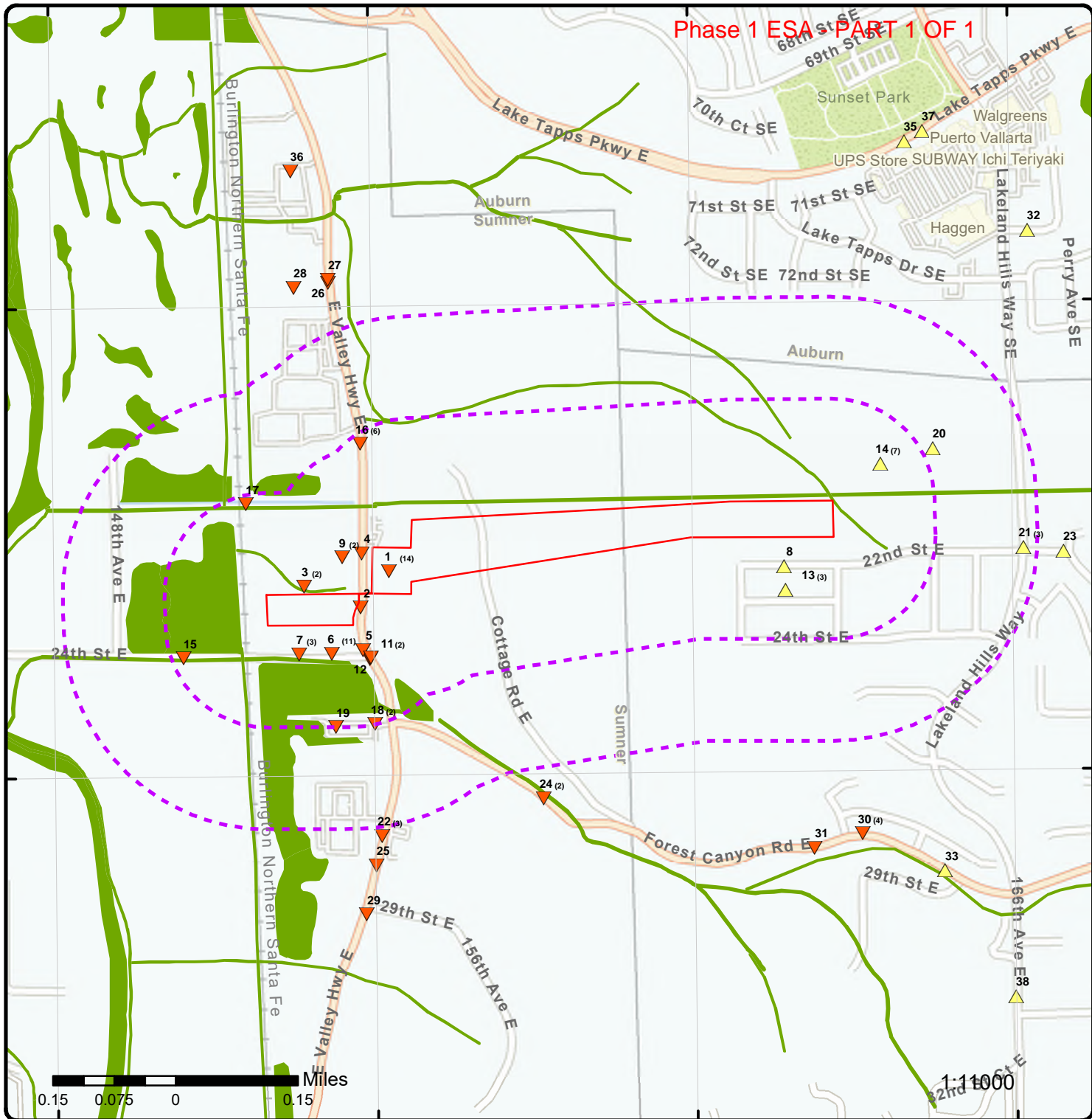
Order Number: 22052400974

Address: 2306 East Valley Highway E, Sumner, WA



- | | | | |
|-----------------------------------|------------------------|---------------------|-------------------------------|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Freeways; Highways | Country | National Wetland |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | Indian Reserve Land | Plume |
| Eris Sites with Lower Elevation | Major & Minor Arterial | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp | Local Road | |
| Eris Areas with Higher Elevation | Rail | | |
| Eris Areas with Same Elevation | | | |
| Eris Areas with Lower Elevation | | | |
| Eris Areas with Unknown Elevation | | | |

Phase 1 ESA PART 1 OF 1



Map: 0.25 Mile Radius

Order Number: 22052400974

Address: 2306 East Valley Highway E, Sumner, WA



- | | | | | |
|-----------------------------------|------------------------|--------------------|---------------------|-------------------------------|
| Project Property | Buffer Outline | Freeways; Highways | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Freeways; Highways | Country | National Wetland | Indian Reserve Land |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | National Wetland | Indian Reserve Land | Plume |
| Eris Sites with Lower Elevation | Major & Minor Arterial | National Wetland | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp | National Wetland | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Areas with Higher Elevation | Local Road | National Wetland | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Areas with Same Elevation | Rail | National Wetland | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Areas with Lower Elevation | | National Wetland | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Areas with Unknown Elevation | | National Wetland | 100 Year Flood Zone | 500 Year Flood Zone |

Phase 1 ESA - PART 1 OF 1

47°14'30"N

47°14'30"N

47°14'N

47°14'N



1:10000

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2021

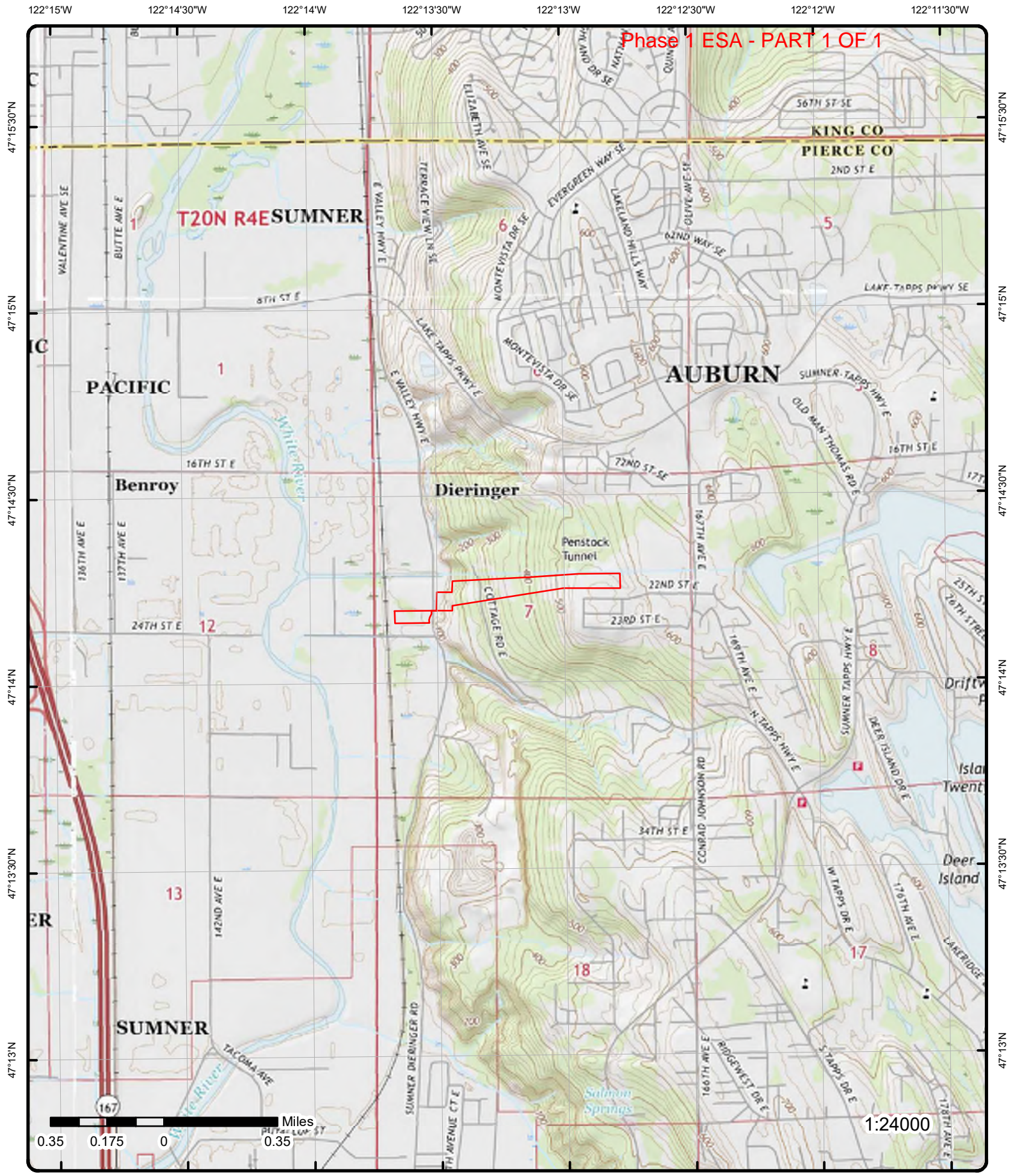
Address: 2306 East Valley Highway E, Sumner, WA

Source: ESRI World Imagery

Order Number: 22052400974



© ERIS Information Inc.



Topographic Map Year: 2017

Order Number: 22052400974

Address: 2306 East Valley Highway E, WA



Quadrangle(s): Puyallup, WA; Auburn, WA; Poverty Bay, WA; Sumner, WA

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 14	W	0.00 / 0.00	85.31 / -280	PSE WHITE RIVER GENERATING STATION 2111 E VALLEY HWY SUMNER WA 98390-9580	FINDS/FRS

Registry ID: 110006459929
FIPS Code: 53053
HUC Code: 17110014
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 26-DEC-18
Interest Types: ELECTRIC GENERATOR, STATE MASTER, UNSPECIFIED UNIVERSE
SIC Codes: 4911
SIC Code Descriptions: ELECTRIC SERVICES
NAICS Codes: 221111
NAICS Code Descriptions: HYDROELECTRIC POWER GENERATION.
Conveyor: EPA_SLT
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 09
Census Block Code: 530530703161012
EPA Region Code: 10
County Name: PIERCE
US/Mexico Border Ind:
Latitude: 47.238252
Longitude: -122.224507
Reference Point: FACILITY CENTROID
Coord Collection Method: INTERPOLATION-PHOTO
Accuracy Value: 2
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110006459929
Program Acronyms:

EIA-860:3862, RCRAINFO:WAD982659385, WA-FSIS:95724315

1	2 of 14	W	0.00 / 0.00	85.31 / -280	PSE White River Generating Station 2111 E VALLEY HWY SUMNER WA 98390	CSCSL
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Fac Site ID: 95724315	Fac Site ID (OD): 95724315
Cleanup Site ID: 6934	Cleanup Site ID (OD): 6934
Site Status: Cleanup Started	Site Status (OD): Cleanup Started
Site Rank:	Site Name (OD): PSE White River Generating Station
Current VCP:	Site Rank (OD):
Past VCP:	Respon Unit (OD): Southwest
Has Inst Control:	Has Env Coven (OD):
Responsible Unit: Southwest	County (OD): Pierce
County: Pierce	Region (OD): Southwest
Region: Southwest	Address (OD): 2111 E VALLEY HWY
Latitude: 47.20274	City (OD): SUMNER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude:	-122.25304				Zipcode (OD): 98390	
Alternate Site Names:		WHITERIVER GEN STA				
Location (OD):		"" (47.20274, -122.25304)				
Latitude (OD):		47.20274				
Longitude (OD):		-122.25304				
Data Source(s):		Confirmed and Suspected Contaminated Sites; Cleanup Sites (Open Data Portal)				

Contaminants Detail(s)

Contaminant Name:	Polycyclic Aromatic Hydrocarbons	Sediment:
Groundwater:	Confirmed Above Cleanup Levels	Air:
Surfacewater:		Bedrock:
Soil:	Confirmed Above Cleanup Levels	
Contaminant Name:	Metals Priority Pollutants	Sediment:
Groundwater:	Confirmed Above Cleanup Levels	Air:
Surfacewater:		Bedrock:
Soil:	Confirmed Above Cleanup Levels	
Contaminant Name:	Non-Halogenated Solvents	Sediment:
Groundwater:	Confirmed Above Cleanup Levels	Air:
Surfacewater:		Bedrock:
Soil:	Confirmed Above Cleanup Levels	
Contaminant Name:	Petroleum-Other	Sediment:
Groundwater:	Confirmed Above Cleanup Levels	Air:
Surfacewater:		Bedrock:
Soil:	Confirmed Above Cleanup Levels	

Open Data Portal - Media and Contaminants as of 2019-07-23

Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Non-Halogenated Solvents
Contaminant Media:	Soil
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Metals Priority Pollutants
Contaminant Media:	Groundwater
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Non-Halogenated Solvents
Contaminant Media:	Groundwater
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Polycyclic Aromatic Hydrocarbons
Contaminant Media:	Groundwater
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Metals Priority Pollutants
Contaminant Media:	Soil
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Petroleum-Other
Contaminant Media:	Soil
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Petroleum-Other
Contaminant Media:	Groundwater
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Polycyclic Aromatic Hydrocarbons
Contaminant Media:	Soil

<u>1</u>	3 of 14	W	0.00 / 0.00	85.31 / -280	WHITERIVER GEN STA 2111 E VALLEY HWY	UST
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sumner WA 98390

UST ID:	8524	Region:	Southwest
Facility Site ID:	95724315	County:	Pierce
Site Active:	No	Latitude:	47.20274
Active Tag:		Longitude:	-122.25304
Responsible Unit:	Southwest		
Alternate Site Names:	PSE White River Generating Station		

Tank Detail(s)

Tank Name:	254	Tank Material:	Steel
Tank Status:	Removed	Tank Construction:	Single Wall Tank
Status Date:	08/06/1996	Tank Capacity:	111 TO 1,100 Gallons
Install Date:	03/03/1987	Actual Capacity:	
Upgrade Date:		Pipe Install Date:	
Perm Closure Date:		Endorsement Expire:	
Tank Corrosion Protection:	Sacrificial Anode		
Tank Manifold:			
Tank Release Detection:	Groundwater Monitoring		
Tank Tightness Test:			
Tank Spill Prevention:	Spill Bucket/Spill Box		
Tank Overfill Prevention:	Ball Float Valve (vent line)		
Pipe Material:	Coated Steel		
Pipe Construction:	Single Wall Pipe		
Pipe Corrosion Protection:	Corrosion Resistant		
Tank SFC:			
Dispenser SFC:			
Primary Pipe Release Detection:	Automatic Line Leak Detector (ALLD)		
Secondary Pipe Rel Detect:			
Pipe Pumping System:	Pressurized System		
Turbine Sump Construction:			

Compartments

Tank Name:	254
Compartment No:	1
Compartment Capacity:	
Stored Substance:	
Used Substance:	Motor Fuel for Vehicles

Tank Detail(s)

Tank Name:	253	Tank Material:	Steel
Tank Status:	Removed	Tank Construction:	Single Wall Tank
Status Date:	08/06/1996	Tank Capacity:	111 TO 1,100 Gallons
Install Date:	03/03/1987	Actual Capacity:	
Upgrade Date:		Pipe Install Date:	
Perm Closure Date:		Endorsement Expire:	
Tank Corrosion Protection:	Sacrificial Anode		
Tank Manifold:			
Tank Release Detection:	Groundwater Monitoring		
Tank Tightness Test:			
Tank Spill Prevention:	Spill Bucket/Spill Box		
Tank Overfill Prevention:	Ball Float Valve (vent line)		
Pipe Material:	Coated Steel		
Pipe Construction:	Single Wall Pipe		
Pipe Corrosion Protection:	Corrosion Resistant		
Tank SFC:			
Dispenser SFC:			
Primary Pipe Release Detection:	Automatic Line Leak Detector (ALLD)		
Secondary Pipe Rel Detect:			
Pipe Pumping System:	Pressurized System		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Turbine Sump Construction:

Compartments

Tank Name: 253
Compartment No: 1
Compart Capacity:
Stored Substance: Unleaded Gasoline
Used Substance: Motor Fuel for Vehicles

Tank Detail(s)

Tank Name: 252	Tank Material:
Tank Status: Closed in Place - No Site Assessment Found	Tank Construction:
Status Date: 12/14/2005	Tank Capacity: 111 TO 1,100 Gallons
Install Date:	Actual Capacity: 500
Upgrade Date:	Pipe Install Date:
Perm Closure Date: 06/10/2015	Endorsement Expire:
Tank Corrosion Protection:	
Tank Manifold:	
Tank Release Detection:	
Tank Tightness Test:	
Tank Spill Prevention:	
Tank Overfill Prevention:	
Pipe Material:	
Pipe Construction:	
Pipe Corrosion Protection:	
Tank SFC:	
Dispenser SFC:	
Primary Pipe Release Detection:	
Secondary Pipe Rel Detect:	
Pipe Pumping System:	
Turbine Sump Construction:	

Compartments

Tank Name: 252
Compartment No: 1
Compart Capacity: 500
Stored Substance: Leaded Gasoline
Used Substance:

<u>1</u>	4 of 14	W	0.00 / 0.00	85.31 / -280	PSE White River Generating Station 2111 E VALLEY HWY SUMNER WA 98390	ALL SITES
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Facility/Site ID: 95724315
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: 8524
Facility Alternate:
Interaction ID: 74378
Interaction Status: I
Interac Status Desc: Inactive
Interaction Type: LUST
Interaction Desc: LUST Facility
Interact Start Dt: 02-Nov-1995
Interact End Dt: 18-Mar-2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ecology Program:						
Program Name Desc:						
Prog Database Name:						
Database Name Desc:						
Program ID:						
Facility Alternate:						
Interaction ID:						
Interaction Status:						
Interac Status Desc:						
Interaction Type:						
Interaction Desc:						
Interact Start Dt:						
Interact End Dt:						
Ecology Program:						
Program Name Desc:						
Prog Database Name:						
Database Name Desc:						
Program ID:						
Facility Alternate:						
Interaction ID:						
Interaction Status:						
Interac Status Desc:						
Interaction Type:						
Interaction Desc:						
Interact Start Dt:						
Interact End Dt:						
Ecology Program:						
Program Name Desc:						
Prog Database Name:						
Database Name Desc:						
Program ID:						
Facility Alternate:						
Interaction ID:						
Interaction Status:						
Interac Status Desc:						
Interaction Type:						
Interaction Desc:						
Interact Start Dt:						
Interact End Dt:						
Ecology Program:						
Program Name Desc:						
Prog Database Name:						
Database Name Desc:						
Program ID:						
Facility Alternate:						
Interaction ID:						
Interaction Status:						
Interac Status Desc:						
Interaction Type:						
Interaction Desc:						
Interact Start Dt:						
Interact End Dt:						
Ecology Program:						
Program Name Desc:						
Prog Database Name:						
Database Name Desc:						
Program ID:						
Facility Alternate:						
Interaction ID:						
Interaction Status:						
Interac Status Desc:						
Interaction Type:						
Interaction Desc:						
Interact Start Dt:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Interact End Dt:						
Ecology Program:		TOXICS				
Program Name Desc:		Toxics Cleanup Program				
Prog Database Name:		ISIS				
Database Name Desc:		Integrated Site Info System				
Program ID:		8524				
Facility Alternate:						
Interaction ID:		74376				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		UST				
Interaction Desc:		Underground Storage Tank				
Interact Start Dt:		03-Mar-1987				
Interact End Dt:						
Ecology Program:		TOXICS				
Program Name Desc:		Toxics Cleanup Program				
Prog Database Name:		UST				
Database Name Desc:		Underground Storage Tanks				
Program ID:		WAD982659385				
Facility Alternate:						
Interaction ID:		74379				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWG				
Interaction Desc:		Hazardous Waste Generator				
Interact Start Dt:		28-Jan-1997				
Interact End Dt:		31-Dec-2004				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Program ID:		WAD982659385				
Facility Alternate:						
Interaction ID:		74383				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWOTHER				
Interaction Desc:		Haz Waste Management Activity				
Interact Start Dt:		31-Dec-2007				
Interact End Dt:		31-Dec-2008				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Program ID:		WAD982659385				
Facility Alternate:		PSE White River Generating Station				
Interaction ID:		104023				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWOTHER				
Interaction Desc:		Haz Waste Management Activity				
Interact Start Dt:		31-Dec-2012				
Interact End Dt:		31-Dec-2013				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Program ID:		WAD982659385				
Facility Alternate:		PSE White River Transmission Substation				
Interaction ID:		116566				
Interaction Status:		A				
Interac Status Desc:		Active				
Interaction Type:		TIER2				
Interaction Desc:		Emergency/Haz Chem Rpt TIER2				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Interact Start Dt: 28-Jan-2016
Interact End Dt:
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: EPCRA
Database Name Desc: Emergency Planning & Community Right-to-Know Act

Program ID:
Facility Alternate: PSE White River Generating Station
Interaction ID: 74382
Interaction Status: A
Interac Status Desc: Active
Interaction Type: SCS
Interaction Desc: State Cleanup Site
Interact Start Dt: 31-Aug-2005
Interact End Dt:
Ecology Program: TOXICS
Program Name Desc: Toxics Cleanup Program
Prog Database Name: ISIS
Database Name Desc: Integrated Site Info System

Facility Location Detail

Objectid: 73354
GIS Calc Lat Decimal Nr: 47.20274
GIS Calc Long Decimal Nr: -122.25304
Loc Verified Cd: N

<u>1</u>	5 of 14	W	0.00 / 0.00	85.31 / -280	PSE White River Generating Station 2111 E VALLEY HWY SUMNER WA 98390	LUST
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Facility Site ID: 95724315
Cleanup Site ID: 6934
Responsible Unit: Southwest
Region: Southwest
Alternate Site Names: WHITERIVER GEN STA
County: Pierce
Latitude: 47.20274
Longitude: -122.25304

Tank Detail(s)

UST ID: 8524
LUST ID: 4024
LUST Status: LUST - Cleanup Started
Status Date: 04/25/2007
Release Date: 11/02/1995

Contaminants Detail(s)

Contaminant Name: Petroleum-Other
Groundwater: Confirmed Above Cleanup Levels
Surfacewater:
Soil: Confirmed Above Cleanup Levels
Sediment:
Air:
Bedrock:

Contaminants Detail(s)

Contaminant Name: Polycyclic Aromatic Hydrocarbons
Groundwater: Confirmed Above Cleanup Levels
Surfacewater:
Soil: Confirmed Above Cleanup Levels
Sediment:
Air:
Bedrock:

Contaminants Detail(s)

Contaminant Name: Metals Priority Pollutants
Sediment:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Groundwater: Surfacewater: Soil:	Confirmed Above Cleanup Levels				Air: Bedrock:	
	Confirmed Above Cleanup Levels					
Contaminants Detail(s)						
Contaminant Name:	Non-Halogenated Solvents				Sediment:	
Groundwater:	Confirmed Above Cleanup Levels				Air:	
Surfacewater:					Bedrock:	
Soil:	Confirmed Above Cleanup Levels					

<u>1</u>	6 of 14	W	0.00 / 0.00	85.31 / -280	PSE White River Generating Station 2111 E VALLEY HWY SUMNER WA 98390	ICR
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Cleanup Site ID:	6934	WRIA ID:	10
Facility Site ID:	95724315	Is NFA Site:	
Site Status:	Awaiting Cleanup	Responsible Unit:	Southwest
Statute:	MTCA	Latitude:	47.202739999999999
Rank:		Longitude:	-122.25304
Rank Description:		Legislative District:	31
Has Env Covenant:		Congr District:	10
Is Brownfiled Site:		County Name:	Pierce
Is PSI Site:			

Cleanup Activities

Related ID:	4024	Start Date:	1995-12-01
VCP Prj No:		End Date:	1995-12-04
Activity Name:	LUST - Report Received	Legal Mechanism:	
Activity Status:		Performed by:	
County Name:	Pierce	Project Manager:	
Applies to:	LUST		
Applies to Description:	Leaking Underground Storage Tank		

Related ID:		Start Date:	
VCP Prj No:		End Date:	2007-04-25
Activity Name:	Early Notice Letter(s)	Legal Mechanism:	
Activity Status:		Performed by:	
County Name:	Pierce	Project Manager:	Cross, Kim
Applies to:	CleanupSite		
Applies to Description:			

Related ID:		Start Date:	2005-08-31
VCP Prj No:		End Date:	2007-04-25
Activity Name:	Initial Investigation / Federal Preliminary Assessment	Legal Mechanism:	
Activity Status:	Completed	Performed by:	Ecology w/ Contractor
County Name:	Pierce	Project Manager:	County Health-SW
Applies to:	CleanupSite		
Applies to Description:			

Related ID:	4024	Start Date:	1995-11-02
VCP Prj No:		End Date:	1995-11-02
Activity Name:	LUST - Notification	Legal Mechanism:	
Activity Status:		Performed by:	
County Name:	Pierce	Project Manager:	
Applies to:	LUST		
Applies to Description:	Leaking Underground Storage Tank		

Related ID:	4024	Start Date:	2008-01-28
VCP Prj No:		End Date:	2008-02-12
Activity Name:	LUST - Report Received	Legal Mechanism:	
Activity Status:		Performed by:	
County Name:	Pierce	Project Manager:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Applies to:		LUST				
Applies to Description:		Leaking Underground Storage Tank				
<u>Media Contaminants</u>						
Contaminant Type:	Metals Priority Pollutants			Sediment:		
Groundwater:	C			Sediment Desc.:		
Groundwater Desc.:	Confirmed Above Cleanup Level			Air:		
Surface Water:				Air Desc.:		
Surfacewater Desc.:				Bedrock:		
Soil:	C			Bedrock Desc.:		
Soil Desc.:	Confirmed Above Cleanup Level			County Name:	Pierce	
Contaminant Type:	Petroleum-Other			Sediment:		
Groundwater:	C			Sediment Desc.:		
Groundwater Desc.:	Confirmed Above Cleanup Level			Air:		
Surface Water:				Air Desc.:		
Surfacewater Desc.:				Bedrock:		
Soil:	C			Bedrock Desc.:		
Soil Desc.:	Confirmed Above Cleanup Level			County Name:	Pierce	
Contaminant Type:	Polynuclear Aromatic Hydrocarbons			Sediment:		
Groundwater:	C			Sediment Desc.:		
Groundwater Desc.:	Confirmed Above Cleanup Level			Air:		
Surface Water:				Air Desc.:		
Surfacewater Desc.:				Bedrock:		
Soil:	C			Bedrock Desc.:		
Soil Desc.:	Confirmed Above Cleanup Level			County Name:	Pierce	
Contaminant Type:	Non-Halogenated Solvents			Sediment:		
Groundwater:	C			Sediment Desc.:		
Groundwater Desc.:	Confirmed Above Cleanup Level			Air:		
Surface Water:				Air Desc.:		
Surfacewater Desc.:				Bedrock:		
Soil:	C			Bedrock Desc.:		
Soil Desc.:	Confirmed Above Cleanup Level			County Name:	Pierce	

<u>1</u>	7 of 14	W	0.00 / 0.00	85.31 / -280	PSE WHITE RIVER GENERATING STATION 2111 E VALLEY HWY SUMNER WA 98390	RCRA NON GEN
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EPA Handler ID: WAD982659385
Gen Status Universe: No Report
Contact Name: LEA BOYLE
Contact Address: 355 110TH AVENUE NE , , BELLEVUE , WA, 98004 , US
Contact Phone No and Ext: 425-456-2285
Contact Email: LEA.BOYLE@PSE.COM
Contact Country: US
County Name: PIERCE
EPA Region: 10
Land Type: Private
Receive Date: 20140212
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Transporter Activity:		No				
Transfer Facility:		No				
Onsite Burner Exemption:		No				
Furnace Exemption:		No				
Underground Injection Activity:		No				
Commercial TSD:		No				
Used Oil Transporter:		No				
Used Oil Transfer Facility:		No				
Used Oil Processor:		No				
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100225
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: WSQG
Waste Code Description: A placeholder to allow Handler and BR submissions to validate. In WA State federal and state waste codes were notcollected on the Site Identification form until 2013 so they were not available for reporting.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970513
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 12
Receive Date: 20060125
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 17
Receive Date: 20110228
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Hazardous Waste Handler Details</u>						
Sequence No:	13					
Receive Date:	20070202					
Handler Name:	PSE WHITE RIVER GENERATING STATION					
Source Type:	Notification					
Federal Waste Generator Code:	3					
Generator Code Description:	Very Small Quantity Generator					
<u>Hazardous Waste Handler Details</u>						
Sequence No:	2					
Receive Date:	20110228					
Handler Name:	PSE WHITE RIVER GENERATING STATION					
Source Type:	Implementer					
Federal Waste Generator Code:	3					
Generator Code Description:	Very Small Quantity Generator					
<u>Hazardous Waste Handler Details</u>						
Sequence No:	3					
Receive Date:	19970709					
Handler Name:	PSE WHITE RIVER GENERATING STATION					
Source Type:	Notification					
Federal Waste Generator Code:	2					
Generator Code Description:	Small Quantity Generator					
<u>Hazardous Waste Handler Details</u>						
Sequence No:	5					
Receive Date:	19990326					
Handler Name:	PSE WHITE RIVER GENERATING STATION					
Source Type:	Notification					
Federal Waste Generator Code:	3					
Generator Code Description:	Very Small Quantity Generator					
<u>Hazardous Waste Handler Details</u>						
Sequence No:	2					
Receive Date:	19970513					
Handler Name:	PSE WHITE RIVER GENERATING STATION					
Source Type:	Notification					
Federal Waste Generator Code:	3					
Generator Code Description:	Very Small Quantity Generator					
<u>Hazardous Waste Handler Details</u>						
Sequence No:	21					
Receive Date:	20140212					
Handler Name:	PSE WHITE RIVER GENERATING STATION					
Source Type:	Implementer					
Federal Waste Generator Code:	N					
Generator Code Description:	Not a Generator, Verified					
<u>Hazardous Waste Handler Details</u>						
Sequence No:	4					
Receive Date:	19980220					
Handler Name:	PSE WHITE RIVER GENERATING STATION					
Source Type:	Notification					
Federal Waste Generator Code:	3					
Generator Code Description:	Very Small Quantity Generator					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 15
Receive Date: 20090219
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 16
Receive Date: 20100225
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970204
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20020227
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 19
Receive Date: 20130226
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20051231
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Annual/Biennial Report
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20010227
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20030116
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 14
Receive Date: 20080220
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 18
Receive Date: 20120228
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120228
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: WSQG
Waste Code Description: A placeholder to allow Handler and BR submissions to validate. In WA State federal and state waste codes were not collected on the Site Identification form until 2013 so they were not available for reporting.

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20040220

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20041231
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Annual/Biennial Report
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20081231
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Annual/Biennial Report
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20000303
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 11
Receive Date: 20050225
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 20
Receive Date: 20140211
Handler Name: PSE WHITE RIVER GENERATING STATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	2111 E VALLEY HWY
Name:	PSE WHITE RIVER GENERATING STATION	Street 2:	
Date Became Current:		City:	SUMNER
Date Ended Current:		State:	WA
Phone:	253-318-2571	Country:	US
Source Type:	Implementer	Zip Code:	98390
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	PO BOX 97034

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:	19970225				City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	98009-9734
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	6905 S 228TH ST
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:					City:	KENT
Date Ended Current:					State:	WA
Phone:	253-437-6789				Country:	US
Source Type:	Notification				Zip Code:	98032
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 97034
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:	19970225				City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Notification				Zip Code:	98009
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 90868
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:	19970225				City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Notification				Zip Code:	98009
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 90868
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:	19970225				City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	98009-0868
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 90868
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:	19970225				City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	98009-0868
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 97034
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:					City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Notification				Zip Code:	98009
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 97034
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:	19970225				City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Implementer				Zip Code:	98009
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY E
Name:	GAINES, JANET				Street 2:	
Date Became Current:					City:	SUMNER
Date Ended Current:					State:	WA
Phone:	253-863-4058				Country:	US
Source Type:	Notification				Zip Code:	98390

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:					City:	SUMNER
Date Ended Current:					State:	WA
Phone:	425-456-2285				Country:	US
Source Type:	Notification				Zip Code:	98390
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	6905 S 228TH ST
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:	19970225				City:	KENT
Date Ended Current:					State:	WA
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	98032
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:	19970225				City:	SUMNER
Date Ended Current:					State:	WA
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	98390
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	PO BOX 97034
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:					City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Implementer				Zip Code:	98009-9734
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 97034
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:					City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Implementer				Zip Code:	98009-9734
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:					City:	SUMNER
Date Ended Current:					State:	WA
Phone:	000-000-0000				Country:	US
Source Type:	Notification				Zip Code:	98390
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 90868
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:					City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Notification				Zip Code:	98009
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:					City:	SUMNER
Date Ended Current:					State:	WA
Phone:	253-318-2571				Country:	US
Source Type:	Notification				Zip Code:	98390
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:					City:	SUMNER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Ended Current:					State:	WA
Phone:	253-318-2571				Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	98390
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY
Name:	TOM A				Street 2:	
Date Became Current:	19970225				City:	SUMNER
Date Ended Current:					State:	WA
Phone:	253-318-2571				Country:	US
Source Type:	Implementer				Zip Code:	98390
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 97034
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:					City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-456-2285				Country:	US
Source Type:	Implementer				Zip Code:	98009
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	2111 E VALLEY HWY
Name:	PSE WHITE RIVER GENERATING STATION				Street 2:	
Date Became Current:					City:	SUMNER
Date Ended Current:					State:	WA
Phone:	000-000-0000				Country:	US
Source Type:	Notification				Zip Code:	98390
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 90868
Name:	PUGET SOUND ENE P				Street 2:	
Date Became Current:	19970225				City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-454-6363				Country:	US
Source Type:	Implementer				Zip Code:	98009-0868
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 90868
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:					City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-456-2285				Country:	US
Source Type:	Notification				Zip Code:	98009
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 97034
Name:	PUGET SOUND ENERGY				Street 2:	
Date Became Current:					City:	BELLEVUE
Date Ended Current:					State:	WA
Phone:	425-456-2285				Country:	US
Source Type:	Notification				Zip Code:	98009

Historical Handler Details

Receive Dt: 19970513
Generator Code Description: Not a Generator, Verified
Handler Name: PSE WHITE RIVER GENERATING STATION

Receive Dt: 20120228
Generator Code Description: Very Small Quantity Generator
Handler Name: PSE WHITE RIVER GENERATING STATION

Receive Dt: 20100225
Generator Code Description: Very Small Quantity Generator
Handler Name: PSE WHITE RIVER GENERATING STATION

Receive Dt: 20050225
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				19970709		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20090219		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				19970204		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				19980220		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20070202		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20051231		
Generator Code Description:				Not a Generator, Verified		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20110228		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20130226		
Generator Code Description:				Not a Generator, Verified		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20081231		
Generator Code Description:				Not a Generator, Verified		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				19990326		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20060125		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20020227		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20120228		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20040220		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20041231		
Generator Code Description:				Not a Generator, Verified		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20000303		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	
Receive Dt:				20010227		
Generator Code Description:				Very Small Quantity Generator		
Handler Name:					PSE WHITE RIVER GENERATING STATION	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		20100225				
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		PSE WHITE RIVER GENERATING STATION				
Receive Dt:		20110228				
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		PSE WHITE RIVER GENERATING STATION				
Receive Dt:		20030116				
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		PSE WHITE RIVER GENERATING STATION				
Receive Dt:		19970513				
Generator Code Description:		Very Small Quantity Generator				
Handler Name:		PSE WHITE RIVER GENERATING STATION				
Receive Dt:		20140211				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		PSE WHITE RIVER GENERATING STATION				
Receive Dt:		20080220				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		PSE WHITE RIVER GENERATING STATION				

<u>1</u>	8 of 14	W	0.00 / 0.00	85.31 / -280	THE WHITE RIVER POWER PLANT 2111 E VALLEY HWY SUMNER WA 98390-	ERTS
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Incident ID: 550354 **Latitude:**
Incident Date: **Longitude:**
County: PIERCE
Location: THE WHITE RIVER POWER PLANT

Initial Report Details

Initial Report Substance Name: Other
Initial Report Subst Catego: Oil
Initial Report Subst Quanti:
Initial Report Substance Unit:
Initial Report Medium Name: Soil
Initial Report Medium Category: Ground
Initial Report Cause Category: Equipment failure
Initial Report Cause Name: Leaking underground storage tank
Initial Report Source Name: Underground storage tank (UST)
Initial Report Source Category: Tank
Initial Report Activity Name: Other
Initial Report Comment Desc: WAS CONDUCTING SOIL BORINGS AROUND FORMER UNDGERGR

Follow up Details

ERTS Follow up No: 67108
Follow up Substance Name: Other
Follow up Substance Quantity: 0
Follow up Subst Unit of Meas: Other
Follow up Cause Name: Leaking underground storage tank
Follow up Medium Name: Soil
Follow up Source Name: Underground storage tank (UST)
Follow up Activity Name: Other

Follow up Details

ERTS Follow up No: 67101
Follow up Substance Name: Other

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Follow up Substance Quantity:						
Follow up Subst Unit of Meas:						
Follow up Cause Name:					Leaking underground storage tank	
Follow up Medium Name:					Groundwater	
Follow up Source Nname:						
Follow up Activity Name:					Other	
<u>Follow up Details</u>						
ERTS Follow up No:			67101			
Follow up Substance Name:						
Follow up Substance Quantity:						
Follow up Subst Unit of Meas:						
Follow up Cause Name:					Leaking underground storage tank	
Follow up Medium Name:					Soil	
Follow up Source Nname:					Underground storage tank (UST)	
Follow up Activity Name:					Other	
<u>Follow up Details</u>						
ERTS Follow up No:			80452			
Follow up Substance Name:					Other	
Follow up Substance Quantity:						
Follow up Subst Unit of Meas:						
Follow up Cause Name:					Leaking underground storage tank	
Follow up Medium Name:					Soil	
Follow up Source Nname:					Underground storage tank (UST)	
Follow up Activity Name:					Other	
<u>Follow up Details</u>						
ERTS Follow up No:			67101			
Follow up Substance Name:						
Follow up Substance Quantity:						
Follow up Subst Unit of Meas:						
Follow up Cause Name:					Leaking underground storage tank	
Follow up Medium Name:					Groundwater	
Follow up Source Nname:						
Follow up Activity Name:					Other	
<u>Follow up Details</u>						
ERTS Follow up No:			67101			
Follow up Substance Name:						
Follow up Substance Quantity:						
Follow up Subst Unit of Meas:						
Follow up Cause Name:					Leaking underground storage tank	
Follow up Medium Name:					Soil	
Follow up Source Nname:					Underground storage tank (UST)	
Follow up Activity Name:					Other	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Follow up Details

ERTS Follow up No: 67101
Follow up Substance Name: Other
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name: Leaking underground storage tank
Follow up Medium Name: Soil
Follow up Source Nname:
Follow up Activity Name: Other

Potential Details

Pot Resp Party First Name:
Pot Resp Prty Last Name:
Potentially Resp Party Org: PUGET SOUND ENERGY

Follow up Comments**Follow up Comment:**

ERTS Number 550354 - COMPLAINT (Brief Summary of ERTS):
Soil and groundwater contamination

SITE STATUS (Brief Summary of site condition(s) after investigation):
 Cleanup action has not demonstrated a complete remediation of soil and groundwater

Investigator: Rob Olsen Date Submitted: 04/09/07

OBSERVATIONS**Description:**

11/10/05: I was provided notice by Brian Peterka, GeoEngineers, that the planned site remediation and UST closure was suspended until completion of a SEPA review. Per my request, a summary of data collected from the site was submitted for review. This data was generated between July and October 2005 and included multiple soil and groundwater data points collected throughout the property. Concentrations of gasoline, diesel, heavy oil, BTEX, lead, carcinogenic and non-carcinogenic PAHs were found in both soil and groundwater at concentrations exceeding MTCA Method A levels.

03/13/06: A TPCHD UST permit had been obtained for UST closure/remediation activities at the site. On site, I observed impacted soils throughout the property. Groundwater had infiltrated the excavations and was in contact with petroleum-contaminated soils. Groundwater within these excavations exhibited a petroleum sheen. GeoEngineers did not locate the UST, but found the UST basin to be backfilled. Surrounding soils were obviously impacted.

03/13/06 – Present: I requested an UST Closure report, per TPCHD requirements, and was told by GeoEngineers that a report was forthcoming, pending additional remediation and investigation. During subsequent phone conversations with GeoEngineers personnel, I was told that a groundwater investigation was in the planning stages. To date, I have not received the requested UST Closure/Remediation report or any additional groundwater data generated from the site. Site activities have been suspended until further notice. My recommendation to list the site on ISIS is based upon the review of analytical data generated prior to the remediation activities and from direct observation of site conditions during the remedial action.

It should be noted that the subject site and the known areas of contamination are within approximately 500 feet of the White River.

Description of past practices likely to be responsible for contamination:

Leaking UST and other undocumented releases

SITE ASSESSMENT COMPLETED. SITE RECOMMENDED FOR LISTING. SEE INITIAL INVESTIGATION DOCUMENTATION ON FILE IN THE CENTRAL FILES ROOM, SWRO FOR DETAILS.

Follow up Comment:

ERTS Number 550354 - Historic Investigator Contact Information - FirstName: SHA MiddleName: LastName: TACOMA PIERCE COUNTY HEALTH DEPARTMENT OrganizationName: TOXICS CLEANUP WorkLocation: swro

Follow up Comment:

ERTS Number 550354 - Historic Investigator Contact Information - FirstName: NANNETTE MiddleName: LastName: BROOKS OrganizationName: ADMINISTRATION (SWRO ERTS COORDINATOR) WorkLocation: SWRO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Follow up Comment:

ERTS Number 550354 - Historic Referral Contact Information - ReferralDate: 2005-08-31 FirstName: NANNETTE MiddleName: LastName: BROOKS Email: nbro461@ecy.wa.gov PhoneNumber: (360) 407-6311 OrganizationName: ADMINISTRATION (SWRO ERTS COORDINATOR) WorkLocation: SWRO

Follow up Comment:

ERTS Number 550354 - Historic Referral Contact Information - ReferralDate: 2005-08-31 FirstName: ANDREA MiddleName: LastName: UNGER Email: aung461@ecy.wa.gov PhoneNumber: 407-6334 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Follow up Comment:

ERTS Number 550354 - Historic Referral Contact Information - ReferralDate: 2005-09-01 FirstName: SHA MiddleName: LastName: TACOMA PIERCE COUNTY HEALTH DEPARTMENT Email: erts@tpchd.org PhoneNumber: (253) 798-2891 OrganizationName: HEALTH DEPARTMENT WorkLocation: PIERCE COUNTY

Follow up Comment:

ERTS Number 550354 - I called and spoke with Brian to check on the groundwater contamination. He reported that it was not near any surface water were it might leach out This is a TCP case. Refer

Follow up Comment:

ERTS Number 550354 - Historic Investigator Contact Information - FirstName: ANDREA MiddleName: LastName: UNGER OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Initial Comments

Initial Report Comment:

ERTS Number 550354 - WAS CONDUCTING SOIL BORINGS AROUND FORMER UNDERGROUND STORAGE TANK AREA - PETROLEUM RELATED CONTAMINATES WERE FOUND.

SOIL TESTED FOR DIESEL, GASOLINE, HEAVY OIL, BENZENE.

GROUND WATER IMPACTED AS WELL.

1	9 of 14	W	0.00 / 0.00	85.31 / -280	PSE Power House 2111 E Valley Hwy SUMNER WA	ERTS
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Incident ID: 659439
Incident Date: 2015-09-12
County: PIERCE
Location: PSE Power House
Latitude:
Longitude:

Initial Report Details

Initial Report Substance Name: Unknown
Initial Report Subst Catego: Oil
Initial Report Subst Quanti:
Initial Report Substance Unit: U.S. gallons
Initial Report Medium Name: Surface water-Fresh
Initial Report Medium Category: Water
Initial Report Cause Category:
Initial Report Cause Name:
Initial Report Source Name: Power generation utility
Initial Report Source Category: Facility
Initial Report Activity Name: Unknown

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Initial Report Comment Desc:		From: State Emergency Operations Officer (MIL) S				

Follow up Details

ERTS Follow up No:
Follow up Substance Name:
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name:
Follow up Medium Name:
Follow up Source Nname:
Follow up Activity Name:

Potential Details

Pot Resp Party First Name:
Pot Resp Prty Last Name:
Potentially Resp Party Org: Johansen Excavating

Initial Comments

Initial Report Comment:

ERTS Number 659439 - From: State Emergency Operations Officer (MIL)
 Sent: Monday, September 14, 2015 9:59 AM
 To: Baxter, Susan (ECY) <SFLE461@ECY.WA.GOV>
 Subject: Potential Release - Sumner

Susie,
 Call received at 0948: From Johansen Excavating, Ryan Lancaster, 253-293-3633:

Reporting a * potential spill * involving one of their forklifts submerged in an old PSE Power House plunge pool at or near 2111 East Valley Highway, Sumner.

This occurred over the weekend after the pool pumps failed. They are pumping out the pool at this time and there is no visible release or sheen.

Earl Dickey
 State Emergency Operations Officer
 Washington State Emergency Management Division
 Building 20, MS: TA-20
 Camp Murray, WA 98430-5122
 1-800-258-5990
 Stateemergency.operationsofficer@mil.wa.gov

Historic Referral Contact Information - ReferralDate: FirstName: ANDREA MiddleName: LastName: UNGER Email: aung461@ecy.wa.gov
 PhoneNumber: 407-6334 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

<u>1</u>	10 of 14	W	0.00 / 0.00	85.31 / -280	2111 E VALLEY HWY SUMNER WA 98390	ERTS
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Incident ID: 630940 **Latitude:** 47.237479999999998
Incident Date: 2011-12-14 **Longitude:** 122.22721
County: PIERCE
Location:

Initial Report Details

Initial Report Substance Name: Diesel oil/Marine gas
Initial Report Subst Catego: Oil
Initial Report Subst Quanti: 1
Initial Report Substance Unit: U.S. gallons
Initial Report Medium Name: Soil

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Initial Report Medium Category:		Ground				
Initial Report Cause Category:						
Initial Report Cause Name:						
Initial Report Source Name:		Other-Facility				
Initial Report Source Category:		Facility				
Initial Report Activity Name:		Unknown				
Initial Report Comment Desc:		PSE, Gordy Johnston reporting a diesel spill disco				

Follow up Details

ERTS Follow up No:	117238
Follow up Substance Name:	Diesel oil/Marine gas
Follow up Substance Quantity:	1
Follow up Subst Unit of Meas:	U.S. gallons
Follow up Cause Name:	Judgment
Follow up Medium Name:	Soil
Follow up Source Nname:	
Follow up Activity Name:	Refueling (vessel)

Follow up Details

ERTS Follow up No:	116280
Follow up Substance Name:	Diesel oil/Marine gas
Follow up Substance Quantity:	1
Follow up Subst Unit of Meas:	U.S. gallons
Follow up Cause Name:	Mechanical failure
Follow up Medium Name:	Soil
Follow up Source Nname:	Other-Facility
Follow up Activity Name:	Other

Potential Details

Pot Resp Party First Name:	
Pot Resp Prty Last Name:	
Potentially Resp Party Org:	CASCADE WATER ALLIANCE

Follow up Comments**Follow up Comment:**

ERTS Number 630940 - COMPLAINT (Brief Summary ofERTS):

Diesel spilled to soil

SITE STATUS (Brief Smmnary of site condition(s) after investigation):

This site was previously listed as contaminated in April2007 and remains on the CSCS; information provided here should be included in the pre-existing file.

OBSERVATIONS

Description:

Note: PSE has sold the subject site to Cascade Water Alliance, but plans to occupy and operate the power plant until April, 2012. The subject site, the White River power plant, is located on the east side of East Valley Highway, on current parcel number of 0520072001 with a listed address of 'xxx E. Valley Highway' on the Pierce County assessor's website. The power plant operations and buildings extend onto an adjacent parcel, 9520000071, with the same listed address.

PSE's holdings included 4 parcels on the west side of E. Valley Highway, across :from the subject site, and about a mile east of East Valley Highway (encompassing Lake Tapps and more than 10 additional parcels, exceeding 500 acres). Some of these parcels also show transfer of ownership to Cascade Water Alliance. A map is attached showing the current PSE and Cascade Water Alliance holdings in this area, but was limited in how much could fit on the page.

The incident reported in this ERTS was a very minor spill of less than 1 gallon of diesel that resulted when a diesel generator on the subject parcel was overfilled. The impacted soil was scraped up and a confirmation sample was collected and analyzed by NWTPH-dx. The results were 47 ppm diesel and non-detect for oil, both well below their respective 2000 ppm cleanup levels. This minor spill has been satisfactorily remediated.

Please note that this parcel was listed as the site of a previous initial investigation (ERTS 550354) conducted from September 2005 through April 2007. The site was reported to Ecology by GeoEngineers when they discovered soil and groundwater contaminated with gasoline, diesel, heavy oil, BTEX, lead, and cP AHS in borings they were conducting around a former UST basin. TPCHD concluded the II in April 2007 with a recommendation to list the

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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site on ISIS as cleanup action had not demonstrated a complete remediation of soil and groundwater. The site has been listed on the CSCSL since 04/25/07 and has the FSID number 95724315. The parcel number provided in the ERTS 550354 field report was incorrectly reported as 0520072001.

The contamination reported in ERTS 550354 was found south of the carpenter shop (since removed) on parcel number 9520000070 which had an address at that time of 2111 E. Valley Highway. In 2009, that parcel was segregated into 4 daughter parcels: 9520000071, 9520000072, 9520000073, and 9520000074 (see attached map). The current parcel number where the soil and groundwater contamination was previously found and reported in ERTS 550354 is 9520000071 (part of the current subject site) with a listed address of xxx East Valley Highway, Sumner. The subject parcel of the current ERTS 630940 is adjacent to the former ERTS subject parcel (see attached map).

The address previously provided for ERTS 550354 and used in the ISIS database was 2111 E. Valley Highway. That address is currently used only for parcel number 9520000072, located on the west side of E. Valley Highway, across from the power plant. However, the PSE office is located on the east side of the highway and may use a mailing address of 2111 E. Valley Highway.

TPCHD does not normally conduct an II on sites that have already been listed. In this case, it was not clear which of the many parcels owned by PSE was involved so it was considered prudent to research the holdings, the locations of specific known contamination events, and documentation of this for the existing ISIS file. While the current reported spill on parcel number 0520072001 has been cleaned up, it is the TPCHD's judgment that the PSE operations at this location encompasses both that parcel and parcel number 9520000071, the subject site of ERTS 550354. As such, the information provided in this report should be included in the already existing PSE White River Power Generating Station file for the soil and groundwater contamination reported in ERTS 550354. The TPCHD also recommends updating the address and parcel information for the listed site as discussed above.

Description of past practices likely to be responsible for contamination:
Accidental spillage due to overfilling diesel generator

Follow up Comment:

ERTS Number 630940 - Historic Investigator Contact Information - FirstName: SHARON MiddleName: LastName: BELL OrganizationName: TOXICS CLEANUP WorkLocation: swro

Follow up Comment:

ERTS Number 630940 - GORDY JOHNSON @ 1541/14DEC11 (returned my earlier call):
There was a diesel generator fuel spill at the White River Hydro facility. It is believed this spill happened a couple months ago (+/-) and was discovered during a site audit (this property was bought from PSE by Cascade Water Lines). The site cleanup has been done--about a third of a drum (15 gallons +/-) of contaminated soil was recovered from the spill area. A site cleanup sample was collected and results are pending.

I told Gordy Johnson I would refer this incident to Toxics Cleanup Program for follow-up. No further action required by Ecology/Spills/SWRO.

Follow up Comment:

ERTS Number 630940 - Historic Investigator Contact Information - FirstName: MIKE MiddleName: LastName: OSWEILER OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Follow up Comment:

ERTS Number 630940 - Historic Referral Contact Information - ReferralDate: 2011-12-14 FirstName: MIKE MiddleName: LastName: OSWEILER Email: mosw461@ecy.wa.gov PhoneNumber: (360) 407-6372 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Follow up Comment:

ERTS Number 630940 - Historic Referral Contact Information - ReferralDate: 2011-12-15 FirstName: SHARON MiddleName: LastName: BELL Email: erts@tpchd.org PhoneNumber: (253) 798-2891 OrganizationName: TOXICS CLEANUP WorkLocation: swro

Initial Comments

Initial Report Comment:

ERTS Number 630940 - PSE, Gordy Johnston reporting a diesel spill discovered at their facility that was not reported to them. 15 gallons of contaminated soil removed. Samples taken and will be sent to lab. (This was an internal generator spill.)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			0.00	-280	STATION 2111 E VALLEY HWY SUMNER WA 98390	
<p>Registry ID: 110070727470 FIPS Code: 53053 HUC Code: Site Type Name: STATIONARY Location Description: Supplemental Location: Create Date: 03-MAY-20 Update Date: Interest Types: HAZARDOUS WASTE BIENNIAL REPORTER SIC Codes: SIC Code Descriptions: NAICS Codes: NAICS Code Descriptions: Conveyor: Federal Facility Code: Federal Agency Name: Tribal Land Code: Tribal Land Name: Congressional Dist No: Census Block Code: EPA Region Code: 10 County Name: PIERCE US/Mexico Border Ind: Latitude: Longitude: Reference Point: Coord Collection Method: Accuracy Value: Datum: NAD83 Source: Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070727470 Program Acronyms: BR:WAD982659385</p>						

1	12 of 14	W	0.00 / 0.00	85.31 / -280	NULL 2111 E VALLEY HWY SUMNER WA	SPILLS
<p>Incident ID: 45061 Incident Date: 12/14/2011 Latitude: 47.23748 Longitude: -122.22721 Location: NULL Address: 2111 E VALLEY HWY City: SUMNER County: PIERCE</p>						

1	13 of 14	W	0.00 / 0.00	85.31 / -280	PSE Power House 2111 E Valley Hwy SUMNER WA	SPILLS
<p>Incident ID: 84874 Incident Date: 9/12/2015 Latitude: 47.238 Longitude: 122.224 Location: PSE Power House Address: 2111 E Valley Hwy City: SUMNER County: PIERCE</p>						

1	14 of 14	W	0.00 / 0.00	85.31 / -280	2111 E VALLEY HWY SUMNER WA	SPILLS
<p>Incident ID: 630940 Incident Date: Latitude: Longitude: Location: 2111 E VALLEY HWY Address: City: SUMNER County: PIERCE</p>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Spill Information

Incident Date: 12/14/2011
 Latitude: NULL
 Longitude: NULL

Spill Information

Incident Date: 12/14/2011
 Latitude: NULL
 Longitude: NULL

Spill Details Historical

Material:	PETROLEUM - DIESEL FUEL	Source:	Other - Facility
Qty:	1	Sheen Only:	0
Medium:	SOIL	Waterway:	NULL
Impact:	SOIL CONTAMINATION	Prp Business Name:	CASCADE WATER ALLIANCE
Cause:	NULL	Prp First Name:	NULL
Activity:	UNKNOWN	Prp Last Name:	NULL

Spill Details Historical

Material:	PETROLEUM - DIESEL FUEL	Source:	Other - Facility
Qty:	1	Sheen Only:	0
Medium:	SOIL	Waterway:	NULL
Impact:	SOIL CONTAMINATION	Prp Business Name:	CASCADE WATER ALLIANCE
Cause:	NULL	Prp First Name:	NULL
Activity:	UNKNOWN	Prp Last Name:	NULL

<u>2</u>	1 of 1	WSW	0.01 / 27.25	70.89 / -294	ID P3 2300 E VALLEY RD Sumner WA 98390	UST
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UST ID:	388	Region:	Southwest
Facility Site ID:	70991519	County:	Pierce
Site Active:	No	Latitude:	47.235823
Active Tag:		Longitude:	-122.22597
Responsible Unit:	Southwest		
Alternate Site Names:			

Tank Detail(s)

Tank Name:	1	Tank Material:	
Tank Status:	Removed	Tank Construction:	Single Wall Tank
Status Date:	08/03/1996	Tank Capacity:	5,000 to 9,999 Gallons
Install Date:	12/31/1964	Actual Capacity:	
Upgrade Date:		Pipe Install Date:	
Perm Closure Date:	03/29/2019	Endorsement Expire:	
Tank Corrosion Protection:			
Tank Manifold:			
Tank Release Detection:			
Tank Tightness Test:			
Tank Spill Prevention:			
Tank Overfill Prevention:			
Pipe Material:			
Pipe Construction:			
Pipe Corrosion Protection:			
Tank SFC:			
Dispenser SFC:			
Primary Pipe Release			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Detection:
 Secondary Pipe Rel Detect:
 Pipe Pumping System:
 Turbine Sump Construction:

Compartments

Tank Name: 1
 Compartment No: 1
 Compart Capacity:
 Stored Substance: Diesel
 Used Substance:

<u>3</u>	1 of 2	W	0.01 / 50.84	64.26 / -301	2110 E Valley Hwy SUMNER WA 98390	ERTS
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Incident ID: 619420
 Incident Date:
 County: PIERCE
 Location:
 Latitude:
 Longitude:

Initial Report Details

Initial Report Substance Name: Undetermined
 Initial Report Subst Catego: Historical
 Initial Report Subst Quanti:
 Initial Report Substance Unit:
 Initial Report Medium Name: Surface water-Fresh
 Initial Report Medium Category: Water
 Initial Report Cause Category: Human error
 Initial Report Cause Name: Other-Human error
 Initial Report Source Name: Undetermined
 Initial Report Source Category: Historical
 Initial Report Activity Name: Other
 Initial Report Comment Desc: Caller owns nursery that gathers water for his Jap

Follow up Details

ERTS Follow up No: 104297
 Follow up Substance Name: Undetermined
 Follow up Substance Quantity:
 Follow up Subst Unit of Meas:
 Follow up Cause Name: Other-Human error
 Follow up Medium Name: Surface water-Fresh
 Follow up Source Nname: Undetermined
 Follow up Activity Name: Other

Potential Details

Pot Resp Party First Name:
 Pot Resp Prty Last Name:
 Potentially Resp Party Org:

Follow up Comments

Follow up Comment:

ERTS Number 619420 - 05/11/2010

I met with the property owner and WDFW. The PRP has dredged a ditch along the railroad tracks that discharges to waterts used by the business owner for his Koi. During this investigation there were not a lot of exposed soils and turbidity did not appear to still be an issue. The business owner stated that he did not believe that turbidity was causing harm to his fish. The business owner stated that the gills were burned and he thought that the dredging had

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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caused suspension of conaminants from railroad materials such as treated ties. The business owner also stated that the dredging occurred on PUD property and that the PUD had stated that they were going to send the operator a letter regarding the dredging activities.

06/01/2010

I met with the operator and discussed water quality concerns. The operator stated that he was working with WDFW in order to obtain a permit.

Follow up Comment:

ERTS Number 619420 - Historic Investigator Contact Information - FirstName: DEREK MiddleName: LastName: ROCKETT OrganizationName: WATER QUALITY WorkLocation: SWRO

Follow up Comment:

ERTS Number 619420 - Historic Referral Contact Information - ReferralDate: 2010-04-22 FirstName: DEREK MiddleName: LastName: ROCKETT Email: droc461@ecy.wa.gov PhoneNumber: (360) 407-6697 OrganizationName: WATER QUALITY WorkLocation: SWRO

Follow up Comment:

ERTS Number 619420 - Historic Referral Contact Information - ReferralDate: 2010-04-22 FirstName: GINA MiddleName: PIAZZA LastName: DEPARTMENT OF FISH AND WILDLIFE Email: Gina.Piazza@dfw.wa.gov PhoneNumber: (360) 895-3695 OrganizationName: ALL FRESHWATER TRIBUTARIES PIERCE CO WorkLocation: SWRO

Follow up Comment:

ERTS Number 619420 - Historic Referral Contact Information - ReferralDate: 2010-04-22 FirstName: VICKI MiddleName: LastName: CLINE Email: vwin461@ecy.wa.gov PhoneNumber: (360) 407-0278 OrganizationName: WATER RESOURCES WorkLocation: SWRO

Initial Comments

Initial Report Comment:

ERTS Number 619420 - Caller owns nursery that gathers water for his Japanese Koi fish from a `creek` that runs along the railroad tracks from a duck pond that is fed by a spring that comes down the hill. His neighbor has been digging out the creek on Puget Power property trying to widen the waterway in the hopes that it will drain his (neighbor`s) property so it will dry out so he can sell it. This is causing chemicals to go into the water and is killing caller`s fish. Caller was told it is probably arsenic from old railroad ties. Neighbor did the same thing last year and caller lost \$40,000 of fish. Caller also said frogs and other wildlife in nearby ponds are no longer there after the neighbor`s digging.

Please call caller when investigating so caller can meet with investigators to provide more information.

<u>3</u>	2 of 2	W	0.01 / 50.84	64.26 / -301	2110 E Valley Hwy E SUMNER WA	SPILLS WATER
Report ID:	210375			Date Incident (Map):	4/18/2020	
Incident No:				Regulated (Map):	No	
ERTS No:	697754			Address1 (Map):	2110 E Valley Hwy E	
Incident Date:				Address2 (Map):		
Is Regulated?:				Location (Map):	Bridge	
Location Description:				Latitude (Map):	47.23723	
Latitude:				Longitude (Map):	-122.22579	
Longitude:				City (Map):	SUMNER	
City:				County (Map):	PIERCE	
County:						
Source:	Reported Spills to Water of 1 gallon or more.(July 2015 to March 2022)					

Spills to Water Detail(s)

ID:	2314	Source Type:	Vehicle
Incident Category:	Vehicular Accident-Oil Spill	Source:	NON-COMMERCIAL VEHICLE
Medium:	Stream/River	Quantity Total:	14.0
Oil Type:	GASOLINE	Quantity to Water:	14.0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cause Type:	UNKNOWN				Quantity IMP:	
Cause:	UNKNOWN				Quantity Recovered:	0.0
Impact:	WATER POLLUTION					
Activity:	UNDERWAY OR IN MOTION					
Case Name:	POV in the Cascade Spill Way, Lake Tapps					

<u>4</u>	1 of 1	W	0.01 / 70.36	66.65 / -298	PUGET SOUND ENERGY DIERINGER SUBSTATION 2210 E VALLEY HIGHWAY SUMNER WA 98340	UIC
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Site No: 31259
County: PIERCE
Latitude: 47.237206000
Longitude: -122.226516000

Details

Registrati: INDUSTRIAL OR COMMERCIAL FACILITIES
Well Owner: PUGET SOUND ENERGY
Well Name: CMP DRYWELL
Constate: 1/1/1990
Depth: 5
Well Statu: ACTIVE
Consttype: DRYWELL
Epa Class: 5H1 - STORMWATER

<u>5</u>	1 of 1	WSW	0.03 / 175.68	70.22 / -295	NORTHWEST PIPELINE N TACOMA METER STATION SEC 7 T20N R5E PIERCE CO WA NULL	TIER 2
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Facility ID:	824	Latitude Minute:	NULL
CRK No:	CRK000008940	Latitude Second:	NULL
NAICS Code:	486210	Longitude Degree:	NULL
Location County:	PIERCE	Longitude Minute:	NULL
Latitude Degree:	NULL	Longitude Second:	NULL
LatDigiDegree:	47.235556	LongDigiDegree:	-122.225278

Facility Information 2019

Original CRK No:	crk000008940	Facility Phone No:	NULL
FS ID:		Facility Email:	NULL
UBI No:		Contact Full Name:	MONICA MOGG
RMP No:	NULL	Contact Title Name:	ENVIRONMENTAL SPECIALIST
Dunbrad Code:	67977322	Contact Phone No:	3606001907
SIC Code:	NULL	Contact Fax No:	NULL
Max Occupant No:	NULL	Contact Email:	MONICA.MOGG@WILLIAMS.COM
EHS Date:	NULL	Mailing Address:	8907 NE 219TH STREET
MSDS Date:	NULL	Mailing City:	BATTLE GROUND
Exempt Date:	NULL	Mailing State:	WA
Is Active Flag:	Yes	MailingPstlCde:	98604
SubjectToCAA Flag:	No	OwnrOprtrNme:	NORTHWEST PIPELINE, LLC
Site Plan Flag:		OwnrOprtrPhneNo:	8015846288
Site Plan Date:	NULL	OwnrOprtrEmail:	MONICA.MOGG@WILLIAMS.COM
Site Abbrv Flag:		OwnrOprtrAddr:	295 CHIPETA WAY
Site Dikes Flag:		OwnrOprtrCty:	SALT LAKE CITY
LEPC Name:	PIERCE	OwnrOprtrSte:	UT
Is Under Sec 302:	No	OwnrOprtrPstlCde:	84108
Cert by Full Name:	Monica Mogg	IsActiveFlag:	Yes
SERC Rec Datetime:		IsElecReporterFlag:	Yes
Reporting Year:			

Chemical Information 2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Chemical ID:	309303				Days Onsite Quant:	365
CAS No:	000057-55-6				Max Daily Code:	8
EHS CAS No:	NULL				Max Pound Quantity:	58400
EHS Name:	NULL				Avg Daily Code:	8
Reporting Year:	2019				Avg Pound Quantity:	58400
Product Name:	PROPYLENE GLYCOL					

Storage Information 2019

Storage ID:	540268	Pressure Code:	1
Container Code:	A	Pressure Condition:	Ambient Pressure
Container Type:	Above ground tank	Temperature Code:	4
Location Desc:	Near M/S Building	Temp Condition:	Ambient temperature
Source File:			

Facility Information 2020

Facility ID:	824	Tri Public Email:	NULL
FS ID:	8620889	Tri NPDES No:	NULL
TRIF ID:	NULL	Tri No:	NULL
LEPC Name:	PIERCE	ParentCmpnyNme:	NULL
UBI No:	NULL	ParentCmpDUNBCde:	NULL
Max Occupant No:	NULL	PrntCompPhoneNo:	NULL
Is Manned Flag:	No	Parent Comp Email:	NULL
Facility Phone No:	NULL	ParentCompAddress:	NULL
Facility Email:	NULL	ParentCompanyCity:	NULL
RMP No:	NULL	ParentCompanyState:	NULL
Is Under Sec 302:	No	ParentCompPstlCde:	NULL
SubjectToCAAFlag:	No	Contact Full Name:	MONICA MOGG
Site Plan Flag:	No	Contact Title Name:	ENVIRONMENTAL SPECIALIST
Site Abbrv Flag:	No	Contact Phone No:	3606001907
Site Dikes Flag:	No	Contact Fax No:	NULL
Mailing Address:	8907 NE 219TH STREET	Contact Email:	MONICA.MOGG@WILLIAMS.COM
Mailing City:	BATTLE GROUND	FirstEmergContName:	JEREMIAH ROSS
Mailing State:	WA	FirstEmergContTitle:	SENIOR OPERATIONS MANAGER
MailingPostalCode:	98604	FrstEmergCntPhnNo:	4258364951
OwnrOperator Name:	NORTHWEST PIPELINE, LLC	FstEmergCnt24HPhNo:	8017129195
OwnrOperatPhoneNo:	8015846288	FrstEmergContEml:	JEREMIAH.P.ROSS@WILLIAMS.COM
OwnrOperatorEmail:	MONICA.MOGG@WILLIAMS.COM	SecndEmergCntNme:	GAS CONTROL
OwnrOperatorAddr:	295 CHIPETA WAY	SecndEmergContTitle:	24-HOUR PHONE SERVICE
OwnrOperatorCity:	SALT LAKE CITY	SecEmergContPhnNo:	8015846949
OwnrOperatorState:	UT	ScEmergCnt24HPhNo:	8015846949
OwnrOprrPostalCde:	84108	SecEmergContEmail:	RANDY.K.THOMPSON@WILLIAMS.COM
TripntCmpnyNme:	NULL	Emerg Coord Name:	JEFF OBERBILLIG
TripntCmpyDnbrdCd:	NULL	Emerg Coord Title:	SR OPERATIONS TECH
TripntCmpyPhNnbr:	NULL	EmergCoordPhnNo:	2538626800
TripntCmpyEmlAddr:	NULL	EmergCoord24HPhNo:	2063968782
TripntCmpyAddr:	NULL	Emerg Coord Email:	JEFF.OBERBILLIG@WILLIAMS.COM
TripntCmpyCity:	NULL	Original CRK No:	crk000008940
TripntCmpnyState:	NULL	Is Active Flag:	Yes
TripntCmpyPstlCde:	NULL	SIC Code:	NULL
Tri Technical Name:	NULL	Site Plan Date:	NULL
TriTchnclPhneNnbr:	NULL	EHS Date:	NULL
TriTchnclEmlAddr:	NULL	MSDS Date:	NULL
Tri Public Name:	NULL	Exempt Date:	NULL
TriPublicPhoneNo:	NULL	Cert by Full Name:	Monica Mogg
Originalsercreceiveddatetime:	1/5/2021 10:20:05 AM		

Chemical Information 2020

Chemical ID:	333046	HhGrmCIIltgncyFlg:	0
Facility ID:	824	HhHrdntClssfedFlg:	1
Product Name:	PROPYLENE GLYCOL	HhRprdctveTxctyFlg:	0
CAS No:	000057-55-6	HhRspartySnstztnFlg:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EHS Name:	NULL				HhSmplAsphyxntFlg:	0
EHS CAS No:	NULL				HhSkinCrrsnFlg:	0
EHS Flag:	No				HhSpfcTgtOrgnTxct:	0
Pure Flag:	No				PhCmbustbleDustFlg:	0
Mix Flag:	Yes				PhCrrsveToMtlFlg:	0
Solid Flag:	No				Ph Explosiveflg:	0
Liquid Flag:	Yes				Ph Flammableflg:	0
Gas Flag:	No				PhGasUndrPrsreFlg:	0
Trade Secret Flag:	No				PhInCntctWtrGasFlg:	0
Days Onsite Quant:	365				PhHzrdNtClssfedFlg:	0
Max Pound Quantity:	58400				PhHzrdNtClssfedFlg:	0
Avg Pound Quantity:	58400				PhOrgnicPrxdeFlg:	0
Reporting Year:	2020				Ph Oxidizerflg:	0
HhAcuteToxictyFlg:	0				Ph Pyrophoricflg:	0
HhAsprtnHazardFlg:	0				PhPyrphrcGasFlg:	0
HhCarcnognctyFlg:	0				Ph Selfheatingflg:	0
HhEyeDmgIrrtatnFlg:	0					
Ph Selfreactiveflg:	0					

Storage Information 2020

Chemical ID:	333046	Container Type:	Above ground tank
Container Code:	A	Pressure Condition:	Ambient Pressure
Pressure Code:	1	Temp Condition:	Ambient temperature
Temperature Code:	4	Reporting Year:	2020
IsCnfdntlFlg:	No		
Location Desc:	Near Meter Station Building		

<u>6</u>	1 of 11	WSW	0.04 / 186.44	61.02 / -304	NORTHWEST PIPELINE GP NORTH TACOMA 15209 24TH ST E SUMNER WA 98390	RCRA NON GEN
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EPA Handler ID:	WAD988479002
Gen Status Universe:	No Report
Contact Name:	MITCH SINGER
Contact Address:	8907 NE 219TH ST , , BATTLE GROUND , WA, 98604 , US
Contact Phone No and Ext:	360-666-2107
Contact Email:	MITCH.S.SINGER@WILLIAMS.COM
Contact Country:	US
County Name:	PIERCE
EPA Region:	10
Land Type:	Private
Receive Date:	20090306
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Refiner:		No				
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20080307
Handler Name: NORTHWEST PIPELINE GP NORTH TACOMA
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20080301
Handler Name: NORTHWEST PIPELINE CORP NORTH TACOMA
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: WT02
Waste Code Description: Washington State Dangerous Toxic Waste with a toxic constituents concentration greater than or equal to 0.001% and less than 1.0%, determined by biological testing methods or a book designation procedure.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19940414
Handler Name: NORTHWEST PIPELINE CORP AUBURN
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070511
Handler Name: NORTHWEST PIPELINE CORP NORTH TACOMA
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19930901
Handler Name: NORTHWEST PIPELINE CORP-N TACO
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20081231
Handler Name: NORTHWEST PIPELINE CORP NORTH TACOMA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20090306
Handler Name: NORTHWEST PIPELINE GP NORTH TACOMA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20080307
Handler Name: NORTHWEST PIPELINE GP NORTH TACOMA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19940415
Handler Name: NORTHWEST PIPELINE CORP AUBURN
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20090305
Handler Name: NORTHWEST PIPELINE GP NORTH TACOMA
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: NORTHWEST PIPELINE CORP AUBURN
Date Became Current:
Date Ended Current:
Phone: 000-000-0000
Source Type: Implementer

Street No:
Street 1: T20N R5E S7
Street 2:
City: AUBURN
State: WA
Country: US
Zip Code: 98002

Owner/Operator Ind: Current Owner
Type: Private
Name: NORTHWEST PIPELINE CORP
Date Became Current:
Date Ended Current:
Phone: 801-584-6761
Source Type: Notification

Street No:
Street 1: PO BOX 58900
Street 2:
City: SALT LAKE CITY
State: UT
Country: US
Zip Code: 84158

Owner/Operator Ind: Current Operator
Type: Private
Name: NORTHWEST PIPELINE CORP
Date Became Current:
Date Ended Current:

Street No:
Street 1: 22909 NE REDMOND FALL CITY RD
Street 2:
City: REDMOND
State: WA

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Phone:	206-868-1010			Country:	US	
Source Type:	Notification			Zip Code:	98053	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	PO BOX 58900	
Name:	NORTHWEST PIPELINE GP			Street 2:		
Date Became Current:	19960502			City:	SALT LAKE CITY	
Date Ended Current:				State:	UT	
Phone:	801-584-6761			Country:	US	
Source Type:	Notification			Zip Code:	84158	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	22909 NE REDMOND FALL CITY RD	
Name:	NORTHWEST PIPELINE CORP			Street 2:		
Date Became Current:	19960502			City:	REDMOND	
Date Ended Current:				State:	WA	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:	98053	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	PO BOX 58900	
Name:	NORTHWEST PIPELINE GP			Street 2:		
Date Became Current:	19960502			City:	SALT LAKE CITY	
Date Ended Current:				State:	UT	
Phone:	801-584-6761			Country:	US	
Source Type:	Implementer			Zip Code:	84158	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	PO BOX 58900	
Name:	NORTHWEST PIPELINE GP			Street 2:		
Date Became Current:				City:	SALT LAKE CITY	
Date Ended Current:				State:	UT	
Phone:	801-584-6761			Country:	US	
Source Type:	Implementer			Zip Code:	84158-0900	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	T20N R5E S7	
Name:	NORTHWEST PIPELINE CORP AUBURN			Street 2:		
Date Became Current:				City:	AUBURN	
Date Ended Current:				State:	WA	
Phone:	000-000-0000			Country:	US	
Source Type:	Notification			Zip Code:	98002	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	22909 NE REDMOND FALL CITY RD	
Name:	NORTHWEST PIPELINE GP			Street 2:		
Date Became Current:				City:	REDMOND	
Date Ended Current:				State:	WA	
Phone:	206-868-1010			Country:	US	
Source Type:	Implementer			Zip Code:	98053	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	PO BOX 58900	
Name:	NORTHWEST PIPELINE CORP			Street 2:		
Date Became Current:	19960502			City:	SALT LAKE CITY	
Date Ended Current:				State:	UT	
Phone:	801-584-6761			Country:	US	
Source Type:	Notification			Zip Code:	84158	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	PO BOX 58900	
Name:	NORTHWEST PIPELINE GP			Street 2:		
Date Became Current:				City:	SALT LAKE CITY	
Date Ended Current:				State:	UT	
Phone:	801-584-6761			Country:	US	
Source Type:	Notification			Zip Code:	84158	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	PO BOX 58900	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	NORTHWEST PIPELINE CORP				Street 2:	
Date Became Current:	19960502				City:	SALT LAKE CITY
Date Ended Current:					State:	UT
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	84158-0900
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 58900
Name:	NORTHWEST PIPELINE GP				Street 2:	
Date Became Current:					City:	SALT LAKE CITY
Date Ended Current:					State:	UT
Phone:	801-584-6761				Country:	US
Source Type:	Implementer				Zip Code:	84158
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	T20N R5E S7
Name:	NORTHWEST PIPELINE CORP AUBURN				Street 2:	
Date Became Current:					City:	AUBURN
Date Ended Current:					State:	WA
Phone:	000-000-0000				Country:	US
Source Type:	Notification				Zip Code:	98002
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	22909 NE REDMOND FALL CITY RD
Name:	NORTHWEST PIPELINE GP				Street 2:	
Date Became Current:					City:	REDMOND
Date Ended Current:					State:	WA
Phone:	206-868-1010				Country:	US
Source Type:	Notification				Zip Code:	98053
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	PO BOX 58900
Name:	NORTHWEST PIPELINE GP				Street 2:	
Date Became Current:					City:	SALT LAKE CITY
Date Ended Current:					State:	UT
Phone:	801-584-6761				Country:	US
Source Type:	Implementer				Zip Code:	84158-0900
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 58900
Name:	NORTHWEST PIPELINE CORP				Street 2:	
Date Became Current:	19960502				City:	SALT LAKE CITY
Date Ended Current:					State:	UT
Phone:	000-000-0000				Country:	US
Source Type:	Implementer				Zip Code:	84158
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	T20N R5E S7
Name:	NORTHWEST PIPELINE CORP AUBURN				Street 2:	
Date Became Current:					City:	AUBURN
Date Ended Current:					State:	WA
Phone:	000-000-0000				Country:	US
Source Type:	Implementer				Zip Code:	98002
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	PO BOX 58900
Name:	NORTHWEST PIPELINE CORP				Street 2:	
Date Became Current:	19960502				City:	SALT LAKE CITY
Date Ended Current:					State:	UT
Phone:	000-000-0000				Country:	US
Source Type:	Notification				Zip Code:	84158

Historical Handler Details

Receive Dt: 20080307
Generator Code Description: Not a Generator, Verified
Handler Name: NORTHWEST PIPELINE GP NORTH TACOMA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		20081231				
Generator Code Description:		Large Quantity Generator				
Handler Name:		NORTHWEST PIPELINE CORP NORTH TACOMA				
Receive Dt:		20090305				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		NORTHWEST PIPELINE GP NORTH TACOMA				
Receive Dt:		19930901				
Generator Code Description:		Large Quantity Generator				
Handler Name:		NORTHWEST PIPELINE CORP-N TACO				
Receive Dt:		19940414				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		NORTHWEST PIPELINE CORP AUBURN				
Receive Dt:		20080301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		NORTHWEST PIPELINE CORP NORTH TACOMA				
Receive Dt:		20080307				
Generator Code Description:		Large Quantity Generator				
Handler Name:		NORTHWEST PIPELINE GP NORTH TACOMA				
Receive Dt:		20070511				
Generator Code Description:		Large Quantity Generator				
Handler Name:		NORTHWEST PIPELINE CORP NORTH TACOMA				
Receive Dt:		19940415				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		NORTHWEST PIPELINE CORP AUBURN				

6 2 of 11 WSW 0.04 / 186.44 61.02 / -304 NORTH TACOMA METER STATION NW PIPELINE 15209 24TH ST E SUMNER WA 98390 CSCSL NFA

Fac Site ID:	8620889	Fac Site ID (OD):	8620889
Cleanup Site ID:	3222	Cleanup Site ID (OD):	3222
Site Status:	NFA	Site Status (OD):	No Further Action
NFA Date:	04/24/2012	Rank (OD):	
Region:	Southwest	Has Env Coven (OD):	
Responsible Unit:	Southwest	Site Name (OD):	NORTH TACOMA METER STATION NW PIPELINE
County:	Pierce	Address (OD):	15209 24TH ST E
Latitude:	47.235556	City (OD):	SUMNER
Longitude:	-122.242222	Zipcode (OD):	98390
Region (OD):	Southwest	Latitude (OD):	47.235556
Respon Unit (OD):	Southwest	Longitude (OD):	-122.242222
County (OD):	Pierce		
NFA Reason:	Voluntary Cleanup Program Review		
Alternate Site Names:	NW PIPELINE CORP N TACOM		
Location (OD):	"" (47.235556, -122.242222)		
Has Institutional Control:			
Data Source(s):	Department of Ecology - Washington; Open Data Portal - Washington State; Open Data Portal - Media and Contaminants		

NFA Contaminants Detail(s)

Contaminant Name:	Metals Priority Pollutants	Surfacewater:	
Soil:	Remediated-Below	Air:	
Groundwater:		Bedrock:	
Sediment:			
Contaminant Name:	Arsenic	Surfacewater:	
Soil:	Below Cleanup Levels	Air:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Groundwater: Bedrock:
Sediment:

Open Data Portal - Media and Contaminants as of 2018-09-20

Contaminant Media: Soil
Contaminant: Metals Priority Pollutants
Contaminant Status: Remediated-Below

Contaminant Media: Soil
Contaminant: Arsenic
Contaminant Status: Below Cleanup Levels

6	3 of 11	WSW	0.04 / 186.44	61.02 / -304	NORTH TACOMA METER STATION NW PIPELINE 15209 24TH ST E SUMNER WA 98390	ALL SITES
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Facility/Site ID: 8620889
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: SW0849
Facility Alternate: NORTH TACOMA METER STATION NW PIPELINE
Interaction ID: 23083
Interaction Status: A
Interac Status Desc: Active
Interaction Type: VOLCLNST
Interaction Desc: Voluntary Cleanup Sites
Interact Start Dt: 13-Mar-2007
Interact End Dt:
Ecology Program: TOXICS
Program Name Desc: Toxics Cleanup Program
Prog Database Name: ISIS
Database Name Desc: Integrated Site Info System

Program ID: CRK000008940
Facility Alternate:
Interaction ID: 23082
Interaction Status: A
Interac Status Desc: Active
Interaction Type: TIER2
Interaction Desc: Emergency/Haz Chem Rpt TIER2
Interact Start Dt: 15-Sep-2003
Interact End Dt:
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: EPCRA
Database Name Desc: Emergency Planning & Community Right-to-Know Act

Facility Location Detail

Objectid: 46084
GIS Calc Lat Decimal Nr: 47.235556
GIS Calc Long Decimal Nr: -122.242222
Loc Verified Cd: N

6	4 of 11	WSW	0.04 / 186.44	61.02 / -304	Northwest Pipeline GP North Tacoma 15209 24TH ST E SUMNER WA 98390	ALL SITES
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility/Site ID:		23585625				
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites				
<u>Facility/Site Interaction</u>						
Program ID:		WAD988479002				
Facility Alternate:						
Interaction ID:		33291				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWG				
Interaction Desc:		Hazardous Waste Generator				
Interact Start Dt:		01-Jan-2008				
Interact End Dt:		31-Dec-2008				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Program ID:		WAD988479002				
Facility Alternate:						
Interaction ID:		33288				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWG				
Interaction Desc:		Hazardous Waste Generator				
Interact Start Dt:		09-Oct-1990				
Interact End Dt:		25-Feb-1994				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Program ID:		WAD988479002				
Facility Alternate:						
Interaction ID:		33289				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWG				
Interaction Desc:		Hazardous Waste Generator				
Interact Start Dt:		07-May-2007				
Interact End Dt:		01-Jan-2008				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Program ID:		WAD988479002				
Facility Alternate:						
Interaction ID:		33290				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWOTHER				
Interaction Desc:		Haz Waste Management Activity				
Interact Start Dt:		01-Jan-2008				
Interact End Dt:		01-Jan-2008				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				

Facility Location Detail

Objectid: 51778
GIS Calc Lat Decimal Nr: 47.2209357989
GIS Calc Long Decimal Nr: -122.197906659

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
Loc Verified Cd:		N					
<u>6</u>	5 of 11	WSW	0.04 / 186.44	61.02 / -304	NORTH TACOMA METER STATION NW PIPELINE 15209 24TH ST E SUMNER WA 98390	ICR	
Cleanup Site ID:	3222			WRIA ID:	10		
Facility Site ID:	8620889			Is NFA Site:	Yes		
Site Status:	No Further Action Required			Responsible Unit:	Southwest		
Statute:	MTCA			Latitude:	47.235556000000003		
Rank:				Longitude:	-122.242222		
Rank Description:				Legislative District:	31		
Has Env Covenant:				Congr District:	10		
Is Brownfiled Site:				County Name:	Pierce		
Is PSI Site:							
<u>Cleanup Activities</u>							
Related ID:				Start Date:			
VCP Prj No:	SW0849			End Date:	2012-04-24		
Activity Name:	VCP Termination			Legal Mechanism:			
Activity Status:	Completed			Performed by:			
County Name:	Pierce			Project Manager:	Teel, Steve		
Applies to:	VcpProject						
Applies to Description:	Voluntary Cleanup Program						
Related ID:				Start Date:			
VCP Prj No:				End Date:	2012-04-24		
Activity Name:	Site Status Changed to NFA			Legal Mechanism:			
Activity Status:				Performed by:			
County Name:	Pierce			Project Manager:	Teel, Steve		
Applies to:	CleanupSite						
Applies to Description:							
Related ID:				Start Date:	2007-03-13		
VCP Prj No:	SW0849			End Date:			
Activity Name:	VCP Application			Legal Mechanism:			
Activity Status:	Completed			Performed by:			
County Name:	Pierce			Project Manager:	Teel, Steve		
Applies to:	VcpProject						
Applies to Description:	Voluntary Cleanup Program						
Related ID:				Start Date:	2012-02-07		
VCP Prj No:	SW0849			End Date:	2012-04-24		
Activity Name:	VCP Opinion on Site Cleanup			Legal Mechanism:			
Activity Status:	Completed			Performed by:			
County Name:	Pierce			Project Manager:	Teel, Steve		
Applies to:	VcpProject						
Applies to Description:	Voluntary Cleanup Program						
Related ID:				Start Date:	2009-04-23		
VCP Prj No:	SW0849			End Date:	2009-07-23		
Activity Name:	VCP Opinion on Remedial Investigation			Legal Mechanism:			
Activity Status:	Completed			Performed by:			
County Name:	Pierce			Project Manager:	Teel, Steve		
Applies to:	VcpProject						
Applies to Description:	Voluntary Cleanup Program						
<u>Media Contaminants</u>							
Contaminant Type:	Metals Priority Pollutants			Sediment:			
Groundwater:				Sediment Desc.:			
Groundwater Desc.:				Air:			
Surface Water:				Air Desc.:			
Surfacewater Desc.:				Bedrock:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Soil: Soil Desc.:	RB Remediated-Below Cleanup Level				Bedrock Desc.: County Name: Pierce	
Contaminant Type: Groundwater: Groundwater Desc.: Surface Water: Surfacewater Desc.:	Arsenic				Sediment: Sediment Desc.: Air: Air Desc.: Bedrock: Bedrock Desc.: County Name: Pierce	
Soil: Soil Desc.:	B Below Cleanup Level					

<u>6</u>	6 of 11	WSW	0.04 / 186.44	61.02 / -304	NORTH TACOMA METER STATION NW PIPELINE 15209 24TH ST E SUMNER WA 98390	VCP
Facility Site ID: Cleanup Site ID: County: Alternate Site Names: Data Source(s):	8620889 3222 Pierce NW PIPELINE CORP N TACOM No Futher Action Sites List				Region: Latitude: Longitude: Southwest 47.235556 -122.242222	

WA ECY Toxics Cleanup Program - No Futher Action Sites List

Site Status: NFA Date: NFA Reason:	NFA 04/24/2012 Voluntary Cleanup Program Review	Responsible Unit: Has Inst Control:	Southwest
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WA ECY Toxics Cleanup Program - No Futher Action Sites List - Contaminants Info

Site Name: Contaminant Name: Groundwater: Surfacewater:	NORTH TACOMA METER STATION NW PIPELINE Metals Priority Pollutants	Soil: Sediment: Air: Bedrock:	Remediated-Below
Site Name: Contaminant Name: Groundwater: Surfacewater:	NORTH TACOMA METER STATION NW PIPELINE Arsenic	Soil: Sediment: Air: Bedrock:	Below Cleanup Levels

WA ECY Toxics Cleanup Program - All Statewide Cleanup Sites

Site Status: Site Rank: Has Inst Control: Current VCP: Past VCP: Responsible Unit:	No Further Action Yes Southwest
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WA ECY Toxics Cleanup Program - All Statewide Cleanup Sites - Contaminants

Contaminant Name: Groundwater: Surfacewater: Soil:	Arsenic Below Cleanup Levels	Sediment: Air: Bedrock:
Contaminant Name: Groundwater: Surfacewater: Soil:	Metals Priority Pollutants Remediated-Below	Sediment: Air: Bedrock:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>6</u>	7 of 11	WSW	0.04 / 186.44	61.02 / -304	PSE N TACOMA GATE STATION 15209 24TH ST EAST SUMNER WA	ERTS

Incident ID: 605410 **Latitude:** 47.235833
Incident Date: 2008-01-30 **Longitude:** 122.22583299999999
County: PIERCE
Location: PSE N TACOMA GATE STATION

Initial Report Details

Initial Report Substance Name: Undetermined
Initial Report Subst Category: Historical
Initial Report Subst Quanti:
Initial Report Substance Unit:
Initial Report Medium Name: Soil
Initial Report Medium Category: Ground
Initial Report Cause Category: Accident
Initial Report Cause Name: Other
Initial Report Source Name: Undetermined
Initial Report Source Category: Historical
Initial Report Activity Name: Other
Initial Report Comment Desc: CALLER REPORTING THAT THE FACILITY WILL BE UNDERGO

Follow up Details

ERTS Follow up No: 96116
Follow up Substance Name: Undetermined
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name: Other
Follow up Medium Name: Soil
Follow up Source Nname: Undetermined
Follow up Activity Name: Other

Potential Details

Pot Resp Party First Name:
Pot Resp Prty Last Name:
Potentially Resp Party Org: PSE

Follow up Comments

Follow up Comment:

ERTS Number 605410 - COMPLAINT (Brief Summary of ERTS):
Release of mercury in the soil due to faulty natural gas equipment.

SITE STATUS (Brief Summary of site condition(s) after investigation):
No significant threat to human health or the environment remains at this site.

Description:

Note: The parcel is used for public utility services only.

January 2008 - February 2009: GeoEngineers conducted site exploration activities at the site due to upgrades being made to the facility. Mercury-containing devices had been used and presented a potential for release of mercury to the soil. Soil samples were obtained from locations where mercury-containing metering equipment could have been present. Soil samples in proximity to painted structures or pipelines were analyzed for lead. Soil samples where an odorant may have been introduced to soil were analyzed for PARs. All samples were below the MTCA Method A Cleanup Levels for lead and PARs. Mercury concentrations as high as 6.9 mg/kg were detected, above the MTCAMethod A Cleanup Level of 2.0 mg/kg. For samples where the mercury concentration exceeded the MTCA Method A Cleanup Level, further samples were taken from beneath and/or adjacent to each sample in order to establish vertical and lateral limits of the contamination.

05.05-05.08.08: Western Refinery Services and Aqua Clean Jet-n-Vac completed the excavation. Approximately 170.95 tons of soil was removed for disposal at Allied Waste. The resulting excavation measured ~53' x 50' with a maximum depth of 3'. Groundwater was not present in the excavation areas during cleanup activities at the site. Clean limits were established by confirmation soil samples taken during

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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the soil characterization study.

03.26.09: At the site with Paul Craig of GeoEngineers, no remaining contamination was noted.

SITE HAZARD ASSESSMENT COMPLETE SITE NOT RECOMMENDED FOR LISTING SEE INITIAL INVESTIGATION REPORT SENT TO SWRO RECORDS CENTER 05/06/2009

Follow up Comment:

ERTS Number 605410 - Historic Investigator Contact Information - FirstName: SHARON MiddleName: LastName: BELL OrganizationName: TOXICS CLEANUP WorkLocation: swro

Follow up Comment:

ERTS Number 605410 - Historic Referral Contact Information - ReferralDate: 2008-04-30 FirstName: SHARON MiddleName: LastName: BELL Email: erts@tpchd.org PhoneNumber: (253) 798-2891 OrganizationName: TOXICS CLEANUP WorkLocation: swro

Initial Comments

Initial Report Comment:

ERTS Number 605410 - CALLER REPORTING THAT THE FACILITY WILL BE UNDERGOING SOME UPGRADES SO SOIL TESTING WAS DONE AT SITE. SOIL SAMPLE RESULTS SHOWED MERCURY IN SOIL WITH THE HIGHEST HIT BEING 6.9 MILIGRAMS PER KILIGRAM.

THE SOURCE OF THE MERCURY APPEARS TO BE FAULTY NATURAL GAS METERING EQUIPMENT ON SITE.

160 CUBIC YARDS OF SOIL WILL BE REMOVED FROM SITE. WORK WILL BEGIN ON MONDAY THE 5TH OF MAY AND END BY THE END OF THE WEEK.

A REPORT WILL BE SENT TO ECOLOGY IN ABOUT 6 WEEKS.

<u>6</u>	8 of 11	WSW	0.04 / 186.44	61.02 / -304	15209 24th St E SUMNER WA 98390	ERTS
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Incident ID: 672653 **Latitude:** 47.235460000000003
Incident Date: 2017-05-01 **Longitude:** -122.226159999999999
County: PIERCE
Location:

Initial Report Details

Initial Report Substance Name:
Initial Report Subst Catego:
Initial Report Subst Quanti: 0
Initial Report Substance Unit: Other
Initial Report Medium Name: N/A
Initial Report Medium Category: Air
Initial Report Cause Category:
Initial Report Cause Name:
Initial Report Source Name: Pipeline
Initial Report Source Category: Pipeline
Initial Report Activity Name: Stationary/In Port
Initial Report Comment Desc: Responder received NRC notification via email from

Follow up Details

ERTS Follow up No:
Follow up Substance Name:
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Follow up Medium Name:
Follow up Source Name:
Follow up Activity Name:

Potential Details

Pot Resp Party First Name: Chris
Pot Resp Prty Last Name: Mason
Potentially Resp Party Org: NORTHWEST PIPELINE CO LLC

Initial Comments

Initial Report Comment:

ERTS Number 672653 - Responder received NRC notification via email from State EMD:

Subject: NRC#1177100

NATIONAL RESPONSE CENTER 1-800-424-8802
GOVERNMENT USE ONLYGOVERNMENT USE ONLY***
Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1177100

INCIDENT DESCRIPTION

*Report taken by: MST3 STEPHEN COOKE at 09:26 on 01-MAY-17
Incident Type: PIPELINE
Incident Cause: OVER PRESSURING
Affected Area:
Incident occurred on 29-MAR-17 at 10:01 local incident time.
Affected Medium: AIR NATURAL GAS RELEASE TO ATMOSPHERE.

REPORTING PARTY

Name: CHRIS MASON
Organization: NORTHWEST PIPELINE CO LLC
Address: 295 CHAPETA WAY
SALT LAKE CITY, UT 84108
Email Address: chris.mason@williams.com

PRIMARY Phone: (281)2164956
Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: CHRIS MASON
Organization: NORTHWEST PIPELINE CO LLC
Address: 295 CHAPETA WAY
SALT LAKE CITY, UT 84108
PRIMARY Phone: (281)2164956
Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

15209 24TH STREET EAST County: PIERCE
City: EAST SUMNER State: WA

RELEASED MATERIAL(S)

CHRIS Code: ONG Official Material Name: NATURAL GAS
Also Known As:
Qty Released: 21 MIL CBF

DESCRIPTION OF INCIDENT

CALLER IS REPORTING THAT A METER STATION THAT SUPPLIES NORTH TACOMA EXPERIENCED A REGULATOR FAILURE RESULTING IN THE RELEASE OF 21 MILLION CUBIC FEET OF NATURAL GAS FROM A PRESSURE RELIEF VALVE.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SENSITIVE INFORMATION

INCIDENT DETAILS

Pipeline Type: SERVICE
 DOT Regulated: YES
 Pipeline Above/Below Ground: ABOVE
 Exposed or Under Water: NO
 Pipeline Covered: UNKNOWN

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO Hospitalized: Empl/Crew: Passenger:
 FATALITIES: NO Empl/Crew: Passenger: Occupant:
 EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO
 Hours Direction of
 Closure Type Description of Closure Closed Closure
 N
 Air:
 N Major
 Road: Artery:N
 N
 Waterway:
 N
 Track:

Environmental Impact: UNKNOWN
 Media Interest: UNKNOWN Community Impact due to Material:

REMEDIAL ACTIONS

LINE SHUT IN, REGULATOR REPLACED.
 Release Secured: YES
 Release Rate:
 Estimated Release Duration:

WEATHER

ADDITIONAL AGENCIES NOTIFIED

Federal: PHMSA
 State/Local:
 State/Local On Scene:
 State Agency Number:

NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)
 01-MAY-17 09:39 (770)4887100
 DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGI
 01-MAY-17 09:39 (703)7673477
 NTNL PROGRAMS AND PROTECTION DIR (OFC OF INFRASTRUCTURE PROTECTION RGN
 01-MAY-17 09:39 (202)3097911
 DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
 01-MAY-17 09:39 (202)3661863
 EPA CRIMINAL INVESTIGATION DIVISION (EPA CRIMINAL INVESTIGATION DIV REG
 01-MAY-17 09:39 (206)5538306
 U.S. EPA X SEATTLE (MAIN OFFICE)
 (206)5531263
 FEMA REGION 10 (MAIN OFFICE)
 01-MAY-17 09:39 (425)4874704
 NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
 01-MAY-17 09:39 (202)2829201
 NOAA RPTS FOR WA (MAIN OFFICE)
 01-MAY-17 09:39 (206)5264911
 NATIONAL RESPONSE CENTER HQ (AUTOMATIC REPORTS)
 01-MAY-17 09:39 (202)2671136
 NTSB PIPELINE (MAIN OFFICE)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
01-MAY-17 09:39 (202)3146293 REPORTING PARTY (RP SUBMITTER) 01-MAY-17 09:39 WA STATE EMERGENCY MANAGEMENT (MAIN OFFICE) 01-MAY-17 09:39 (800)2585990 SUQUAMISH TRIBE (EMERGENCY MANAGEMENT) 01-MAY-17 09:39 (360)5983311 WASHINGTON STATE FUSION CENTER (FUSION COMMAND CENTER) 01-MAY-17 09:39 (877)8439522 WASHINGTON STATE NATIONAL GUARD (COMMAND CENTER) 01-MAY-17 09:39 (253)5128159						

ADDITIONAL INFORMATION
 CALLER STATED THAT WHEN THE INITIAL INCIDENT OCCURRED THE NRC REPORTABLE CRITERIA WAS GREY AND THE RESPONSIBLE PARTY BELIEVED THAT THIS WASN'T A REPORTABLE INCIDENT. CALLER CONTACTED PHMSA ASKING FOR CLARIFICATION AND IT TOOK SOME TIME FOR DOT TO CLARIFY REPORTING CRITERIA AND INSTRUCTED THE COMPANY TO NOTIFY NRC.

*** END INCIDENT REPORT #1177100 ***
 Report any problems by calling 1-800-424-8802
 PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>

Historic Referral Contact Information - ReferralDate: 2017-05-01 FirstName: Shawn MiddleName: LastName: Zaniewski Email: szan461@ecy.wa.gov
 PhoneNumber: (360) 407-6372 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

<u>6</u>	9 of 11	WSW	0.04 / 186.44	61.02 / -304	15209 24th St E SUMNER WA	SPILLS
Incident ID:	93468			Location:		
Incident Date:	5/1/2017			Address:	15209 24th St E	
Latitude:	47.23546			City:	SUMNER	
Longitude:	-122.22616			County:	PIERCE	

Spill Details May 2016 - April 2019

Incident Category:	Non Oil	Cause:	MECHANICAL FAILURE
Incident Cat Desc:		Cause Type Desc:	EQUIPMENT/MATERIAL FAILURE
Product:	Gas Flammable	Source:	Transmission Pipeline
Spill Quantity:	0	Source Type Desc:	Pipeline
Unit:	NULL	Regulated 1:	0
Medium:	Air	Primary Prp:	
Medium Type Desc:	Other		
Activity:	STATIC OR PERFORMING DESIGNED FUNCTION		
Impact:	AIR POLLUTION		
Prp Bus Name:	NORTHWEST PIPELINE CO LLC		
Prp Contact Name:	Chris Mason		
Narrative Description:			

<u>6</u>	10 of 11	WSW	0.04 / 186.44	61.02 / -304	NULL 15209 24TH ST EAST SUMNER WA	SPILLS
Incident ID:	605410			Location:	NULL	
Incident Date:	1/30/2008			Address:	15209 24TH ST EAST	
Latitude:	47.235833			City:	SUMNER	
Longitude:	122.225833			County:	PIERCE	

<u>6</u>	11 of 11	WSW	0.04 / 186.44	61.02 / -304	15209 24TH ST EAST SUMNER WA	SPILLS
Incident ID:	605410			Location:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Incident Date:		Address:	15209 24TH ST EAST	
Latitude:		City:	SUMNER	
Longitude:		County:	PIERCE	

Spill Information

Incident Date:	1/30/2008
Latitude:	NULL
Longitude:	NULL

Spill Details Historical

Material:	OTHER - SEE NOTE	Source:	OTHER
Qty:	NULL	Sheen Only:	0
Medium:	SOIL	Waterway:	NULL
Impact:	SOIL CONTAMINATION	Prp Business Name:	PSE
Cause:	OTHER	Prp First Name:	NULL
Activity:	OTHER	Prp Last Name:	NULL

7	1 of 3	WSW	0.04 / 188.60	62.91 / -302	15125 24TH ST E SUMNER WA	ERTS
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Incident ID:	560131	Latitude:	
Incident Date:	2007-01-18	Longitude:	
County:	PIERCE		
Location:			

Initial Report Details

Initial Report Substance Name:	Other
Initial Report Subst Category:	Chemical
Initial Report Subst Quanti:	1
Initial Report Substance Unit:	Quart
Initial Report Medium Name:	N/A
Initial Report Medium Category:	Air
Initial Report Cause Category:	Human error
Initial Report Cause Name:	Other-Human error
Initial Report Source Name:	Undetermined
Initial Report Source Category:	Historical
Initial Report Activity Name:	Refueling (vessel)
Initial Report Comment Desc:	DEP. CHIEF JOHN MCDONALD/EAST PIERCE COUNTY FIRE D

Follow up Details

ERTS Follow up No:	78069
Follow up Substance Name:	Other
Follow up Substance Quantity:	1
Follow up Subst Unit of Meas:	Quart
Follow up Cause Name:	Other-Human error
Follow up Medium Name:	Soil
Follow up Source Nname:	
Follow up Activity Name:	Refueling (vessel)

Follow up Details

ERTS Follow up No:	78069
Follow up Substance Name:	
Follow up Substance Quantity:	
Follow up Subst Unit of Meas:	
Follow up Cause Name:	Other-Human error
Follow up Medium Name:	Soil

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Follow up Source Nname:

Follow up Activity Name: Refueling (vessel)

Follow up Details

ERTS Follow up No: 78069

Follow up Substance Name: Other

Follow up Substance Quantity: 1

Follow up Subst Unit of Meas: Quart

Follow up Cause Name: Other-Human error

Follow up Medium Name: N/A

Follow up Source Nname:

Follow up Activity Name: Refueling (vessel)

Follow up Details

ERTS Follow up No: 78069

Follow up Substance Name:

Follow up Substance Quantity:

Follow up Subst Unit of Meas:

Follow up Cause Name: Other-Human error

Follow up Medium Name: N/A

Follow up Source Nname: Undetermined

Follow up Activity Name: Refueling (vessel)

Follow up Details

ERTS Follow up No: 78069

Follow up Substance Name:

Follow up Substance Quantity:

Follow up Subst Unit of Meas:

Follow up Cause Name: Other-Human error

Follow up Medium Name: N/A

Follow up Source Nname:

Follow up Activity Name: Refueling (vessel)

Follow up Details

ERTS Follow up No: 78069

Follow up Substance Name:

Follow up Substance Quantity:

Follow up Subst Unit of Meas:

Follow up Cause Name: Other-Human error

Follow up Medium Name: Soil

Follow up Source Nname: Undetermined

Follow up Activity Name: Refueling (vessel)

Potential Details

Pot Resp Party First Name:

Pot Resp Prty Last Name:

Potentially Resp Party Org: PUGET SOUND ENERGY

Follow up Comments

Follow up Comment:

ERTS Number 560131 - DEP. CHIEF JOHN MCDONALD/EAST PIERCE COUNTY FIRE DEPT. (253-677-2113) @ 1220/18JAN07:

This injection system is at the intersections of 24th Street East and East Valley Highway, Sumner, WA. The released mercaptan resulted in a call to the fire department to respond to 7 affected persons—all were assessed and released on scene.

An estimated 1 quart of mercaptan in total was released during transfer operations of this about ½ (one pint) was released to soil and the remainder

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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went to a flare stack. The material in the soil was chemically treated then covered (to abate/minimize atmospheric dispersion).

I passed this information on to the following agencies:
 *PSCAA/Mario Petroso (206) 689-4023 (1237/18JAN07)
 *UTC/Tim Sweeney (360) 664-1118 (1255/18JAN07)
 I will also forward a copy of this incident to Ecology/Dangerous Waste.

No further action required by Ecology Spills/SWRO.

Follow up Comment:

ERTS Number 560131 - Historic Investigator Contact Information - FirstName: MIKE MiddleName: LastName: OSWEILER OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Follow up Comment:

ERTS Number 560131 - Historic Referral Contact Information - ReferralDate: 2007-01-18 FirstName: MIKE MiddleName: LastName: OSWEILER Email: mosw461@ecy.wa.gov PhoneNumber: 407-6372 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Initial Comments

Initial Report Comment:

ERTS Number 560131 - DEP. CHIEF JOHN MCDONALD/EAST PIERCE COUNTY FIRE DEPT. (253-677-2113) @ 1220/18JAN07:

A Puget Sound Energy (PSE) crew was on scene at a mercaptan injection station located at 15125-24th Street East, Sumner, WA. Mercaptan was being transferred from a portable tank to an on-site under ground storage tank—during transfer shut down a portion of this mercaptan was bypassed to a line that discharged liquid mercaptan to soil and atmosphere.

7	2 of 3	WSW	0.04 / 188.60	62.91 / -302	NULL 15125 24TH ST E SUMNER WA	SPILLS
Incident ID:	560131			Location:	NULL	
Incident Date:	1/18/2007			Address:	15125 24TH ST E	
Latitude:	NULL			City:	SUMNER	
Longitude:	NULL			County:	PIERCE	

7	3 of 3	WSW	0.04 / 188.60	62.91 / -302	15125 24TH ST E SUMNER WA	SPILLS
Incident ID:	560131			Location:		
Incident Date:				Address:	15125 24TH ST E	
Latitude:				City:	SUMNER	
Longitude:				County:	PIERCE	

Spill Information

Incident Date: 1/18/2007
Latitude: NULL
Longitude: NULL

Spill Details Historical

Material:	CHEMICAL	Source:	OTHER
Qty:	1	Sheen Only:	0
Medium:	AIR	Waterway:	NULL
Impact:	HUMAN	Prp Business Name:	PUGET SOUND ENERGY
Cause:	HUMAN FACTOR - OTHER	Prp First Name:	NULL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Activity:		REFUELING	Prp Last Name:		NULL	

8	1 of 1	E	0.04 / 189.40	581.90 / 217	16114 22nd St E BONNEY LAKE WA 98391	ERTS
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Incident ID: 674539
Incident Date:
County: PIERCE
Location:
Latitude:
Longitude:

Initial Report Details

Initial Report Substance Name: Undetermined
Initial Report Subst Catego: Historical
Initial Report Subst Quanti:
Initial Report Substance Unit:
Initial Report Medium Name: N/A
Initial Report Medium Category: Air
Initial Report Cause Category: Human error
Initial Report Cause Name: Other-Human error
Initial Report Source Name: Domestic
Initial Report Source Category: Private property
Initial Report Activity Name: Other
Initial Report Comment Desc: From: SMTP@www.ecy.wa.gov [mailto:SMTP@www.ecy.wa.

Follow up Details

ERTS Follow up No: 157205
Follow up Substance Name: Undetermined
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name: Other-Human error
Follow up Medium Name: N/A
Follow up Source Nname: Domestic
Follow up Activity Name: Other

Potential Details

Pot Resp Party First Name:
Pot Resp Prty Last Name: Unknown
Potentially Resp Party Org:

Follow up Comments

Follow up Comment:

ERTS Number 674539 - I, Brian Andrews ERTS Coordinator, tried contacting the reporting party to explain that Ecology does not enforce noise complaints. I left a voicemail and sent an email but I have not received a response. If I do hear back, I will either direct them to Terry Swanson at Ecology who can provide information about noise complaints, or I will instruct the reporting party to contact the county.

Follow up Comment:

ERTS Number 674539 - Historic Investigator Contact Information - FirstName: Brian MiddleName: LastName: Andrews OrganizationName: ADMINISTRATION (SWRO ERTS COORDINATOR) WorkLocation: SWRO

Follow up Comment:

ERTS Number 674539 - Historic Referral Contact Information - ReferralDate: 2017-07-26 FirstName: Brian MiddleName: LastName: Andrews Email: band461@ecy.wa.gov PhoneNumber: (360) 407-6300 OrganizationName: ADMINISTRATION (SWRO ERTS COORDINATOR) WorkLocation: SWRO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 2	W	0.04 / 194.38	66.11 / -299	Bridge SUMNER WA	SPILLS

Incident ID: 110881
Incident Date: 4/18/2020
Latitude: 47.2372
Longitude: -122.2258
Location: Bridge
Address:
City: SUMNER
County: PIERCE

Spill Details June 2020 - Present

ERTS ID: 697754
Incident Type No.: 6
Spill Quantity: 1527962.13
Total Spill Qty: 14
Recovered Quantity1: 1447283.52
Total Recovered Qty: 0
Inc Primary Ca Type: Oil Spill
Incident Categories: Vehicular Accident-Oil Spill
Source Type Desc: Vehicle
Source Description: Non-commercial vehicle
Material Desc: GASOLINE
Medium Desc: Stream/River
Activity Description: UNDERWAY OR IN MOTION
Cause Type Desc: UNKNOWN
Cause Description: UNKNOWN
Impacts: WATER POLLUTION
Case Name: POV in the Cascade Spill Way, Lake Tapps
Narrative Description:

To Water Qty: 14
Tosoil Qty:
Imperm Qty:
To Water Rec Qty: 0
To Soil Rec Qty:
Imperm Rec Qty:
Is Regulated Flag:
Resp Party Name: unknown
Response Person: Nannette Brooks
Response Act Desc:
Vessel Facility Name:

Response summary event type 6: A vehicle upside down in the Cascade spill way for Lake Tapps was reported. A sheen was observed, but was decreasing at the time of the fire response. Ecology worked with law enforcement and the tow operator to ensure an HPA was in place. I (Nannette Brooks) was paged at 12:57. Call Pierce Co fire Bat 111 253.606.1816 (Rick) Cascade Spill way waterline from Lake Tapps that empties into the White River in rural Sumner – 2110 East Valley Hwy. There was a gasoline sheen. It was decreasing in volume. The capacity was estimated at 14 gallons because of the small size of the car (make and model were not available as it was upside down). Booming the area was decided not to be a good strategy. Briefed Alison M 13:24 Briefed Miriam Duerr 13:30 I contacted local police dispatch and was able to get a message to law enforcement on scene, requesting that when a plan was in place, I needed to confirm the tow company was part of the Washington Towing association. If they were not, I would facilitate an Emergency HPA. 15:00 I was contacted by Genes Towing, Lakewood WA. They were contracted with, to do the water recovery of the vehicle. 15:03 I gave the tow information to Alison Meyers. She was able to confirm they were part of the association and indeed have a blanket emergency HPA, and could do the work without further permits 15:12 I contacted the tow company and told them they were permitted for the work.

9	2 of 2	W	0.04 / 194.38	66.11 / -299	Bridge SUMNER WA	SPILLS WATER
Report ID:					Date Incident (Map):	
Incident No:	110881				Regulated (Map):	
ERTS No:	697754				Address1 (Map):	
Incident Date:	4/18/2020				Address2 (Map):	
Is Regulated?:					Location (Map):	
Location Description:	Bridge				Latitude (Map):	
Latitude:	47.2372				Longitude (Map):	
Longitude:	-122.2258				City (Map):	
City:	SUMNER				County (Map):	
County:	PIERCE					
Source:	Washington Department of Ecology Spill Summary					

10	1 of 2	WSW	0.05 / 238.14	70.76 / -294	PSE SUMNER E VALLEY HWY & 24 ST E SUMNER WA 98390	ALL SITES
Facility/Site ID:	42739517					
Source File:	Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility/Site Interaction

Program ID: CRK000017400
Facility Alternate:
Interaction ID: 43970
Interaction Status: A
Interac Status Desc: Active
Interaction Type: TIER2
Interaction Desc: Emergency/Haz Chem Rpt TIER2
Interact Start Dt: 01-Jan-1990
Interact End Dt:
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: EPCRA
Database Name Desc: Emergency Planning & Community Right-to-Know Act

Facility Location Detail

Objectid: 57475
GIS Calc Lat Decimal Nr: 47.235673755
GIS Calc Long Decimal Nr: -122.226016966
Loc Verified Cd:

<u>10</u>	2 of 2	WSW	0.05 / 238.14	70.76 / -294	PSE N TACOMA GATE STATION 24th ST E AND E VALLEY HWY SUMNER WA 98390	TIER 2
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Facility ID:	5175	Latitude Minute:	NULL
CRK No:	CRK000057850	Latitude Second:	NULL
NAICS Code:	221210	Longitude Degree:	NULL
Location County:	PIERCE	Longitude Minute:	NULL
Latitude Degree:	NULL	Longitude Second:	NULL
LatDigiDegree:	47.235556	LongDigiDegree:	-122.225833

Facility Information 2019

Original CRK No:	CRK000057850	Facility Phone No:	NULL
FS ID:		Facility Email:	NULL
UBI No:		Contact Full Name:	ANNA LAVIK
RMP No:	NULL	Contact Title Name:	SR REG COMPLIANCE ANALYST
Dunbrad Code:	7942113	Contact Phone No:	4254623822
SIC Code:	NULL	Contact Fax No:	NULL
Max Occupant No:	5	Contact Email:	ANNA.LAVIK@PSE.COM
EHS Date:	NULL	Mailing Address:	PO BOX 97034
MSDS Date:	NULL	Mailing City:	BELLEVUE
Exempt Date:	NULL	Mailing State:	WA
Is Active Flag:	Yes	MailingPstlCde:	98009
SubjectToCAA Flag:	No	OwnrOprtrNme:	PUGET SOUND ENERGY
Site Plan Flag:		OwnrOprtPhneNo:	4254562999
Site Plan Date:	NULL	OwnrOprtrEmail:	ALLBELLEVUECORPORATERECEPTION@PSE.COM
Site Abbrv Flag:		OwnrOprtrAddr:	PO BOX 97034
Site Dikes Flag:		OwnrOprtrCty:	BELLEVUE
LEPC Name:	PIERCE	OwnrOprtrSte:	WA
Is Under Sec 302:	No	OwnrOprtrPstlCde:	98009
Cert by Full Name:	DUSTIN CORNIDEZ-PITTMAN	IsActiveFlag:	Yes
SERC Rec Datetime:		IsElecReporterFlag:	Yes
Reporting Year:			

Chemical Information 2019

Chemical ID:	315002	Days Onsite Quant:	365
CAS No:	000075-66-1	Max Daily Code:	4

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EHS CAS No:	NULL				Max Pound Quantity:	10653
EHS Name:	NULL				Avg Daily Code:	3
Reporting Year:	2019				Avg Pound Quantity:	5327
Product Name:	MERCAPTAN					

Storage Information 2019

Storage ID:	549392	Pressure Code:	2
Container Code:	A	Pressure Condition:	Greater than ambient pressure
Container Type:	Above ground tank	Temperature Code:	4
Location Desc:	UNDER ROOF STRUCTURE OPEN ON ALL 4 SIDES	Temp Condition:	Ambient temperature
Source File:			

Chemical Information 2019

Chemical ID:	315024	Days Onsite Quant:	365
CAS No:	000624-89-5	Max Daily Code:	NULL
EHS CAS No:	NULL	Max Pound Quantity:	2918
EHS Name:	NULL	Avg Daily Code:	NULL
Reporting Year:	2019	Avg Pound Quantity:	2918
Product Name:	METHYL ETHYL SULFIDE		

Storage Information 2019

Storage ID:	549499	Pressure Code:	2
Container Code:	A	Pressure Condition:	Greater than ambient pressure
Container Type:	Above ground tank	Temperature Code:	4
Location Desc:	UNDER ROOF STRUCTURE OPEN ON ALL 4 SIDES	Temp Condition:	Ambient temperature
Source File:			

Facility Information 2020

Facility ID:	5175	Tri Public Email:	NULL
FS ID:	388948	Tri NPDES No:	NULL
TRIF ID:	NULL	Tri No:	NULL
LEPC Name:	PIERCE	ParentCmpnyNme:	NULL
UBI No:	179010055	ParentCmpDUNBCde:	NULL
Max Occupant No:	5	PrntCompPhoneNo:	NULL
Is Manned Flag:	No	Parent Comp Email:	NULL
Facility Phone No:	NULL	ParentCompAddress:	NULL
Facility Email:	NULL	ParentCompanyCity:	NULL
RMP No:	NULL	ParentCompanyState:	NULL
Is Under Sec 302:	No	ParentCompPstlCde:	NULL
SubjectToCAAFlag:	No	Contact Full Name:	ANNA LAVIK
Site Plan Flag:	No	Contact Title Name:	SR REG COMPLIANCE ANALYST
Site Abbrv Flag:	No	Contact Phone No:	4254623822
Site Dikes Flag:	No	Contact Fax No:	NULL
Mailing Address:	PO BOX 97034	Contact Email:	ANNA.LAVIK@PSE.COM
Mailing City:	BELLEVUE	FirstEmergContName:	JOE EWING
Mailing State:	WA	FirstEmergContTtle:	CONSULTING ENGINEER
MailingPostalCode:	98009	FrstEmergCntPhnNo:	4254247824
OwnrOperator Name:	PUGET SOUND ENERGY	FstEmergCnt24HPhNo:	2062558165
OwnrOperatPhoneNo:	4254562999	FrstEmergContEml:	JOE.EWING@PSE.COM
OwnrOperatorEmail:	ALLBELLEVUECORPORATERECEPTION@PSE.COM	SecndEmergCntNme:	24 HOUR OPERATOR
OwnrOperatorAddr:	PO BOX 97034	SecndEmergContTtle:	DISPATCH OPERATIONS
OwnrOperatorCity:	BELLEVUE	SecEmergContPhnNo:	4258824690
OwnrOperatorState:	WA	ScEmergCnt24HPhNo:	4258824690
OwnrOprrPostalCde:	98009	SecEmergContEmail:	LOADOFFICE-OPRELLO-LIST-@PSE.COM
TriprntCmpnyNme:	NULL	Emerg Coord Name:	NULL
TriprntCmpyDnbrdCd:	NULL	Emerg Coord Title:	NULL
TriprntCmpyPhNmbr:	NULL	EmergCoordPhnNo:	NULL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
TripntCmpyEmlAddr:	NULL				EmrgCoord24HPhNo:	NULL
TripntCmpyAddr:	NULL				Emerg Coord Email:	NULL
TripntCmpyCity:	NULL				Original CRK No:	CRK000057850
TripntCmpyState:	NULL				Is Active Flag:	Yes
TripntCmpyPstlCde:	NULL				SIC Code:	NULL
Tri Technical Name:	NULL				Site Plan Date:	NULL
TriTchnclPhneNnbr:	NULL				EHS Date:	NULL
TriTchnclEmlAddr:	NULL				MSDS Date:	NULL
Tri Public Name:	NULL				Exempt Date:	NULL
TriPublicPhoneNo:	NULL				Cert by Full Name:	DUSTIN CORNIDEZ-PITTMAN
Originalsercreceivedatetime:		2/23/2021 12:28:01 PM				

Chemical Information 2020

Chemical ID:	338170	HhGrmClIMtgncyFlg:	0
Facility ID:	5175	HhHzrdNtClssfedFlg:	0
Product Name:	MERCAPTAN	HhRprdctveTxctyFlg:	0
CAS No:	000075-66-1	HhRsprtySnstztnFlg:	1
EHS Name:	NULL	HhSmplAsphyxntFlg:	0
EHS CAS No:	NULL	HhSkinCrnsnFlg:	0
EHS Flag:	No	HhSpfcTgtOrgnTxct:	1
Pure Flag:	No	PhCmbustbleDustFlg:	0
Mix Flag:	Yes	PhCrsvsveToMtlFlg:	0
Solid Flag:	No	Ph Explosiveflag:	0
Liquid Flag:	Yes	Ph Flammableflag:	1
Gas Flag:	Yes	PhGasUndrPrssreFlg:	0
Trade Secret Flag:	No	PhInCntctWtrGasFlg:	0
Days Onsite Quant:	365	PhHzrdNtClssfedFlg:	0
Max Pound Quantity:	10660	PhHzrdNtClssfedFlg:	0
Avg Pound Quantity:	5330	PhOrgnicPrxdeFlg:	0
Reporting Year:	2020	Ph Oxidizerflag:	0
HhAcuteToxictyFlg:	0	Ph Pyrophoricflag:	0
HhAsprtnHazardFlg:	0	PhPyrphrcGasFlg:	0
HhCarcnognctyFlg:	0	Ph Selfheatingflag:	0
HhEyeDmgIrrtatnFlg:	1		
Ph Selfreactiveflag:	0		

Storage Information 2020

Chemical ID:	338170	Container Type:	Above ground tank
Container Code:	A	Pressure Condition:	Greater than ambient pressure
Pressure Code:	2	Temp Condition:	Ambient temperature
Temperature Code:	4	Reporting Year:	2020
IsCnfndntlFlg:	No		
Location Desc:	UNDER ROOF STRUCTURE OPEN ON ALL 4 SIDES		

[11](#)

1 of 2

WSW

0.05 /
240.67

76.50 /
-289

PSE N TACOMA GATE STATION
24TH ST E & E VALLEY HWY
TACOMA WA 98001

ALL SITES

Facility/Site ID: 388948
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: CRK000057850
Facility Alternate:
Interaction ID: 6671
Interaction Status: A
Interac Status Desc: Active
Interaction Type: TIER2
Interaction Desc: Emergency/Haz Chem Rpt TIER2
Interact Start Dt: 15-Sep-2003
Interact End Dt:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		EPCRA				
Database Name Desc:		Emergency Planning & Community Right-to-Know Act				
<u>Facility Location Detail</u>						
Objectid:		35879				
GIS Calc Lat Decimal Nr:		47.2349337417				
GIS Calc Long Decimal Nr:		-122.358229343				
Loc Verified Cd:		N				

[11](#) 2 of 2 **WSW** 0.05 / 240.67 76.50 / -289 **PSE DIERINGER
24TH ST E & E VALLEY HWY
DIERINGER WA 98241** **ALL SITES**

Facility/Site ID: 70137823
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: CRK000042520
Facility Alternate:
Interaction ID: 59737
Interaction Status: I
Interac Status Desc: Inactive
Interaction Type: TIER2
Interaction Desc: Emergency/Haz Chem Rpt TIER2
Interact Start Dt: 01-Jan-1995
Interact End Dt: 16-Feb-2006
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: EPCRA
Database Name Desc: Emergency Planning & Community Right-to-Know Act

Facility Location Detail

Objectid: 65747
GIS Calc Lat Decimal Nr: 48.259723
GIS Calc Long Decimal Nr: -121.589996
Loc Verified Cd: N

[12](#) 1 of 1 **WSW** 0.05 / 245.48 70.76 / -294 **SUMNER WA** **SPILLS**

Incident ID: 120659 **Location:**
Incident Date: 01/24/2022 **Address:**
Latitude: 47.2354 **City:** SUMNER
Longitude: -122.2251 **County:** PIERCE

Spill Details June 2020 - Present

ERTS ID: 712271 **To Water Qty:**
Incident Type No.: 6 **To Soil Qty:** 1
Spill Quantity: 84273.77 **Imperm Qty:**
Total Spill Qty: 1 **To Water Rec Qty:**
Recovered Quantity1: 33986.3 **To Soil Rec Qty:**
Total Recovered Qty: **Imperm Rec Qty:**
Inc Primary Ca Type: Oil Spill **Is Regulated Flag:**
Incident Categories: Oil Spill **Resp Party Name:**
Source Type Desc: Unknown **Response Person:** Josh Weide

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Description:		Unknown			Response Act Desc: TELEPHONE	
Material Desc:		USED OIL			Vessel Facility Name:	
Medium Desc:		Roadway - Unpaved				
Activity Description:		DUMPING				
Cause Type Desc:		HUMAN ERROR				
Cause Description:		DELIBERATE VIOLATION				
Impacts:		CONTAMINATED ROADWAY/PARKING LOT				
Case Name:		Motor Oil Dumped to Pierce County Parks Gravel Driveway - Sumner, 1/24/22				
Narrative Description:						

1/24/22 Incident and Response Summary, Type 6: City of Sumner reported that an estimated 1 gal of used motor oil was found dumped in the gravel driveway of a County Parks building. I confirmed with reporting party, Ann Bustamante, Pollution Prevention Specialist for the City, that no waterways or storm drains were impacted and that the City successfully excavated the hardpacked gravel driveway and disposed of the contaminated gravel at PRS. No further response by Ecology Spills at this time.

13	1 of 3	E	0.06 / 336.74	583.12 / 218	16115 23rd St E BONNEY LAKE WA	ERTS
Incident ID:		642862			Latitude:	
Incident Date:		2013-08-01			Longitude:	
County:		PIERCE				
Location:						

Initial Report Details

Initial Report Substance Name:	Other
Initial Report Subst Catego:	Chemical
Initial Report Subst Quanti:	
Initial Report Substance Unit:	
Initial Report Medium Name:	Building/Structure
Initial Report Medium Category:	Impermeable surface
Initial Report Cause Category:	Human error
Initial Report Cause Name:	Other-Human error
Initial Report Source Name:	Domestic
Initial Report Source Category:	Private property
Initial Report Activity Name:	Other
Initial Report Comment Desc:	Caller needs assistance on how to dispose of mercu

Follow up Details

ERTS Follow up No:	130102
Follow up Substance Name:	Other
Follow up Substance Quantity:	1
Follow up Subst Unit of Meas:	Ounce
Follow up Cause Name:	Other-Human error
Follow up Medium Name:	Building/Structure
Follow up Source Nname:	Domestic
Follow up Activity Name:	Other

Potential Details

Pot Resp Party First Name:	Darrell
Pot Resp Prty Last Name:	Hitzemann
Potentially Resp Party Org:	

Follow up Comments

Follow up Comment:

ERTS Number 642862 - 8/01/2013: I, Andrea Unger, called and spoke with Mr. Hitzemann. He wanted to know where he can dispose of the broken mercury thermometer. I gave him the location of the Hidden Valley Transfer Station which accepts household hazardous waste.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Follow up Comment:

ERTS Number 642862 - Historic Investigator Contact Information - FirstName: ANDREA MiddleName: LastName: UNGER OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Follow up Comment:

ERTS Number 642862 - Historic Referral Contact Information - ReferralDate: 2013-08-01 FirstName: ANDREA MiddleName: LastName: UNGER Email: aung461@ecy.wa.gov PhoneNumber: 407-6334 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Initial Comments

Initial Report Comment:

ERTS Number 642862 - Caller needs assistance on how to dispose of mercury thermometer that broke in his drawer. He has scooped everything metal out of the drawer and put into a glass jar but doesn't know where to dispose of.

13	2 of 3	E	0.06 / 336.74	583.12 / 218	NULL 16115 23rd St E BONNEY LAKE WA	SPILLS
Incident ID:	30246			Location:	NULL	
Incident Date:	8/1/2013			Address:	16115 23rd St E	
Latitude:	47.23656			City:	BONNEY LAKE	
Longitude:	-122.214254			County:	PIERCE	

13	3 of 3	E	0.06 / 336.74	583.12 / 218	16115 23rd St E BONNEY LAKE WA	SPILLS
Incident ID:	642862			Location:		
Incident Date:				Address:	16115 23rd St E	
Latitude:				City:	BONNEY LAKE	
Longitude:				County:	PIERCE	

Spill Information

Incident Date: 8/1/2013
Latitude: NULL
Longitude: NULL

Spill Details Historical

Material:	CHEMICAL	Source:	DOMESTIC
Qty:	NULL	Sheen Only:	0
Medium:	BUILDING/STRUCTURE	Waterway:	NULL
Impact:	HUMAN	Prp Business Name:	NULL
Cause:	HUMAN FACTOR - OTHER	Prp First Name:	Darrell
Activity:	OTHER	Prp Last Name:	Hitzemann

14	1 of 7	E	0.07 / 391.90	618.45 / 253	PSE WHITE RIVER SUBSTATION 2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	CSCSL
Fac Site ID:	13105			Fac Site ID (OD):	13105	
Cleanup Site ID:	11533			Cleanup Site ID (OD):	11533	
Site Status:	Awaiting Cleanup			Site Status (OD):	Awaiting Cleanup	
Site Rank:				Site Name (OD):	PSE WHITE RIVER SUBSTATION	
Current VCP:				Site Rank (OD):		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Past VCP:					Respon Unit (OD): Southwest	
Has Inst Control:					Has Env Coven (OD):	
Responsible Unit:	Southwest				County (OD): Pierce	
County:	Pierce				Region (OD): Southwest	
Region:	Southwest				Address (OD): 2120 LAKELAND HILLS WAY	
Latitude:	47.2390833335689				City (OD): BONNEY LAKE	
Longitude:	-122.209638888702				Zipcode (OD): 98391	
Alternate Site Names:						
Location (OD):	""					
			(47.239083, -122.209639)			
Latitude (OD):	47.239083					
Longitude (OD):	-122.209639					
Data Source(s):	Confirmed and Suspected Contaminated Sites; Cleanup Sites (Open Data Portal)					

Contaminants Detail(s)

Contaminant Name:	Petroleum-Other	Sediment:	
Groundwater:	Suspected	Air:	
Surfacewater:		Bedrock:	
Soil:	Confirmed Above Cleanup Levels		

Open Data Portal - Media and Contaminants as of 2019-07-23

Contaminant Status:	Suspected
Contaminant:	Petroleum-Other
Contaminant Media:	Groundwater
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Petroleum-Other
Contaminant Media:	Soil

14	2 of 7	E	0.07 / 391.90	618.45 / 253	PSE WHITE RIVER SUBSTATION 2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	ALL SITES
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Facility/Site ID:	13105
Source File:	Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID:	
Facility Alternate:	PSE WHITE RIVER SUBSTATION
Interaction ID:	96605
Interaction Status:	A
Interac Status Desc:	Active
Interaction Type:	SCS
Interaction Desc:	State Cleanup Site
Interact Start Dt:	28-Dec-2009
Interact End Dt:	
Ecology Program:	TOXICS
Program Name Desc:	Toxics Cleanup Program
Prog Database Name:	ISIS
Database Name Desc:	Integrated Site Info System

Facility Location Detail

Objectid:	12747
GIS Calc Lat Decimal Nr:	47.2390833336
GIS Calc Long Decimal Nr:	-122.209638889
Loc Verified Cd:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	3 of 7	E	0.07 / 391.90	618.45 / 253	PSE WHITE RIVER SUBSTATION 2120 LAKELAND HILLS WAY BONNEY LAKE WA 98391	ICR

Cleanup Site ID: 11533
Facility Site ID: 13105
Site Status: Awaiting Cleanup
Statute: MTCA
Rank:
Rank Description:
Has Env Covenant:
Is Brownfiled Site:
Is PSI Site:

WRIA ID: 10
Is NFA Site:
Responsible Unit: Southwest
Latitude: 47.2390833335689
Longitude: -122.209638888702
Legislative District: 31
Congr District: 8
County Name: Pierce

Cleanup Activities

Related ID:
VCP Prj No:
Activity Name: Early Notice Letter(s)
Activity Status:
County Name: Pierce
Applies to: CleanupSite
Applies to Description:

Start Date:
End Date: 2011-04-25
Legal Mechanism:
Performed by:
Project Manager: Cross, Kim

Related ID:
VCP Prj No:
Activity Name: Initial Investigation / Federal Preliminary Assessment
Activity Status: Completed
County Name: Pierce
Applies to: CleanupSite
Applies to Description:

Start Date: 2009-12-28
End Date: 2011-04-25
Legal Mechanism:
Performed by: Ecology w/ Contractor
Project Manager: Local Government-SW

Media Contaminants

Contaminant Type: Petroleum-Other
Groundwater: S
Groundwater Desc.: Suspected
Surface Water:
Surfacewater Desc.:
Soil: C
Soil Desc.: Confirmed Above Cleanup Level

Sediment:
Sediment Desc.:
Air:
Air Desc.:
Bedrock:
Bedrock Desc.:
County Name: Pierce

14	4 of 7	E	0.07 / 391.90	618.45 / 253	PSE White River Transmission Substation 2120 Lakeland Hills Way Bonney Lake WA 98391	TIER 2
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Facility ID: 12980
CRK No: CRK000088920
NAICS Code: 221122
Location County: PIERCE
Latitude Degree: NULL
LatDigiDegree: 47.238889

Latitude Minute: NULL
Latitude Second: NULL
Longitude Degree: NULL
Longitude Minute: NULL
Longitude Second: NULL
LongDigiDegree: -122.210278

Facility Information 2019

Original CRK No: CRK000088920
FS ID:
UBI No:
RMP No: NULL
Dunbrad Code: 7942113
SIC Code: NULL
Max Occupant No: 5
EHS Date: NULL

Facility Phone No: NULL
Facility Email: NULL
Contact Full Name: ANNA LAVIK
Contact Title Name: SR. REGULATORY COMPLIANCE ANALYST
Contact Phone No: 4254623822
Contact Fax No: NULL
Contact Email: ANNA.LAVIK@PSE.COM
Mailing Address: PO BOX 97034

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
MSDS Date:	NULL				Mailing City:	BELLEVUE
Exempt Date:	NULL				Mailing State:	WA
Is Active Flag:	Yes				MailingPstlCde:	98009
SubjectToCAA Flag:	No				OwnrOprtrNme:	PUGET SOUND ENERGY
Site Plan Flag:					OwnrOprtrPhneNo:	4254562999
Site Plan Date:	NULL				OwnrOprtrEmail:	ALLBELLEVUECORPORATERECEPTION@P SE.COM
Site Abbrv Flag:					OwnrOprtrAddr:	PO BOX 97034
Site Dikes Flag:					OwnrOprtrCty:	BELLEVUE
LEPC Name:	PIERCE				OwnrOprtrSte:	WA
Is Under Sec 302:	Yes				OwnrOprtrPstlCde:	98009
Cert by Full Name:	DUSTIN CORNIDEZ-PITTMAN				IsActiveFlag:	Yes
SERC Rec Datetime:					IsElecReporterFlag:	Yes
Reporting Year:						

Chemical Information 2019

Chemical ID:	318582	Days Onsite Quant:	365
CAS No:	007439-92-1	Max Daily Code:	NULL
EHS CAS No:	NULL	Max Pound Quantity:	12300
EHS Name:	NULL	Avg Daily Code:	NULL
Reporting Year:	2019	Avg Pound Quantity:	12300
Product Name:	LEAD		

Storage Information 2019

Storage ID:	555836	Pressure Code:	1
Container Code:	R	Pressure Condition:	Ambient Pressure
Container Type:	Other	Temperature Code:	4
Location Desc:	Storage Batteries in control house	Temp Condition:	Ambient temperature
Source File:			

Chemical Information 2019

Chemical ID:	318583	Days Onsite Quant:	365
CAS No:	007664-93-9	Max Daily Code:	NULL
EHS CAS No:	007664-93-9	Max Pound Quantity:	2000
EHS Name:	SULFURIC ACID	Avg Daily Code:	NULL
Reporting Year:	2019	Avg Pound Quantity:	2000
Product Name:	SULFURIC ACID		

Storage Information 2019

Storage ID:	555837	Pressure Code:	1
Container Code:	S	Pressure Condition:	Ambient Pressure
Container Type:		Temperature Code:	4
Location Desc:	Storage Batteries in control house	Temp Condition:	Ambient temperature
Source File:			

Facility Information 2020

Facility ID:	12980	Tri Public Email:	NULL
FS ID:	95724315	Tri NPDES No:	NULL
TRIF ID:	NULL	Tri No:	NULL
LEPC Name:	PIERCE	ParentCmpnyNme:	NULL
UBI No:	179010055	ParentCmpDUNBCde:	NULL
Max Occupant No:	5	PrntCompPhoneNo:	NULL
Is Manned Flag:	No	Parent Comp Email:	NULL
Facility Phone No:	NULL	ParentCompAddress:	NULL
Facility Email:	NULL	ParentCompanyCity:	NULL
RMP No:	NULL	ParentCompanyState:	NULL
Is Under Sec 302:	Yes	ParentCompPstlCde:	NULL
SubjectToCAAFlag:	No	Contact Full Name:	ANNA LAVIK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Plan Flag:	No				Contact Title Name:	SR. REGULATORY COMPLIANCE ANALYST
Site Abbrv Flag:	No				Contact Phone No:	4254623822
Site Dikes Flag:	No				Contact Fax No:	NULL
Mailing Address:	PO BOX 97034				Contact Email:	ANNA.LAVIK@PSE.COM
Mailing City:	BELLEVUE				FirstEmergContName:	RANDY WALLS
Mailing State:	WA				FirstEmergContTtle:	MANAGER ELECTRIC OPERATIONS
MailingPostalCode:	98009				FrstEmrgCntPhnNo:	4254246521
OwnrOperator Name:	PUGET SOUND ENERGY				FstEmrgCnt24HPhNo:	2066045489
OwnrOperatPhoneNo:	4254562999				FrstEmergContEmI:	RANDAL.WALLS@PSE.COM
OwnrOperatorEmail:	ALLBELLEVUECORPORATERECEPTION@PSE.COM				SecndEmrgCntNme:	24 HOUR DISPATCH
OwnrOperatorAddr:	PO BOX 97034				SecndEmrgContTtle:	DISPATCH OPERATIONS
OwnrOperatorCity:	BELLEVUE				SecEmrgContPhnNo:	4258824650
OwnrOperatorState:	WA				ScEmrgCnt24HPhNo:	4258824650
OwnrOprrPostalCde:	98009				SecEmergContEmail:	LOADOFFICE-OPRELLO-LIST-@PSE.COM
TripntCmpnyNme:	NULL				Emerg Coord Name:	NULL
TripntCmpyDnbrdCd:	NULL				Emerg Coord Title:	NULL
TripntCmpyPhNmbr:	NULL				EmergCoordPhnNo:	NULL
TripntCmpyEmIAddr:	NULL				EmergCoord24HPhNo:	NULL
TripntCmpyAddr:	NULL				Emerg Coord Email:	NULL
TripntCmpyCity:	NULL				Original CRK No:	CRK000088920
TripntCmpnyState:	NULL				Is Active Flag:	Yes
TripntCmpyPstlCde:	NULL				SIC Code:	NULL
Tri Technical Name:	NULL				Site Plan Date:	NULL
TriTchnclPhneNmbr:	NULL				EHS Date:	NULL
TriTchnclEmIAddr:	NULL				MSDS Date:	NULL
Tri Public Name:	NULL				Exempt Date:	NULL
TriPublicPhoneNo:	NULL				Cert by Full Name:	DUSTIN CORNIDEZ-PITTMAN
Originalsercreceivedatetime:	1/28/2021 12:23:43 PM					

Chemical Information 2020

Chemical ID:	328477	HhGrmClIMtgncyFlg:	0
Facility ID:	12980	HhHzrdNtClssfedFlg:	0
Product Name:	LEAD	HhRprdctveTxctyFlg:	1
CAS No:	007439-92-1	HhRsprtySnstztnFlg:	0
EHS Name:	NULL	HhSmplAsphyxntFlg:	0
EHS CAS No:	NULL	HhSkinCrrsnFlg:	0
EHS Flag:	No	HhSpfcTgtOrgnTxct:	1
Pure Flag:	Yes	PhCmbustbleDustFlg:	0
Mix Flag:	No	PhCrrsveToMtlFlg:	0
Solid Flag:	Yes	Ph Explosiveflg:	0
Liquid Flag:	No	Ph Flammableflg:	0
Gas Flag:	No	PhGasUndrPrssreFlg:	0
Trade Secret Flag:	No	PhInCntctWtrGasFlg:	0
Days Onsite Quant:	365	PhHzrdNtClssfedFlg:	0
Max Pound Quantity:	13000	PhHzrdNtClssfedFlg:	0
Avg Pound Quantity:	13000	PhOrgnicPrxdeFlg:	0
Reporting Year:	2020	Ph Oxidizerflg:	0
HhAcuteToxictyFlg:	1	Ph Pyrophoricflg:	0
HhAsprtnHazardFlg:	0	PhPyrphrcGasFlg:	0
HhCarcnognctyFlg:	1	Ph Selfheatingflg:	0
HhEyeDmgIrrtatnFlg:	0		
Ph Selfreactiveflg:	0		

Storage Information 2020

Chemical ID:	328477	Container Type:	Other
Container Code:	R	Pressure Condition:	Ambient Pressure
Pressure Code:	1	Temp Condition:	Ambient temperature
Temperature Code:	4	Reporting Year:	2020
IsCndntlFlg:	No		
Location Desc:	STORAGE BATTERIES IN CONTROL HOUSE		

Chemical Information 2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Chemical ID:	328216				HhGrmClIMtgncityFlg:	0
Facility ID:	12980				HhHzrdNtClssfedFlg:	0
Product Name:	SULFURIC ACID				HhRprdctveTxctyFlg:	0
CAS No:	007664-93-9				HhRspptySnstztnFlg:	1
EHS Name:	SULFURIC ACID				HhSmplAsphyxntFlg:	0
EHS CAS No:	007664-93-9				HhSkinCrrsnFlg:	1
EHS Flag:	Yes				HhSpfcTgtOrgnTxct:	1
Pure Flag:	No				PhCmbustbleDustFlg:	0
Mix Flag:	Yes				PhCrrsveToMtlFlg:	1
Solid Flag:	No				PhExplosiveflg:	0
Liquid Flag:	Yes				PhFlammableflg:	0
Gas Flag:	No				PhGasUndrPrssreFlg:	0
Trade Secret Flag:	No				PhInCntctWtrGasFlg:	0
Days Onsite Quant:	365				PhHzrdNtClssfedFlg:	0
Max Pound Quantity:	2330				PhHzrdNtClssfedFlg:	0
Avg Pound Quantity:	2330				PhOrgnicPrxdeFlg:	0
Reporting Year:	2020				PhOxidizerflg:	0
HhAcuteToxicityFlag:	1				PhPyrophoricflg:	0
HhAsprtnHazardFlag:	0				PhPyrphrcGasFlg:	0
HhCarcnognctyFlag:	1				PhSelfheatingflg:	0
HhEyeDmgIrrtatnFlg:	1					
Ph Selfreactiveflg:		0				

Storage Information 2020

Chemical ID:	328216	Container Type:	
Container Code:	S	Pressure Condition:	Ambient Pressure
Pressure Code:	1	Temp Condition:	Ambient temperature
Temperature Code:	4	Reporting Year:	2020
IsCnfndntlFlag:	No		
Location Desc:	STORAGE BATTERIES IN CONTROL HOUSE		

[14](#) 5 of 7 **E** **0.07 / 391.90** **618.45 / 253** **Puget Sound Energy White River Substation** **ERTS**
2120 Lakeland Hills Way
BONNEY LAKE WA

Incident ID: 633749 **Latitude:**
Incident Date: 2009-12-17 **Longitude:**
County: PIERCE
Location: Puget Sound Energy White River Substation

Initial Report Details

Initial Report Substance Name: Mineral oil/Transformer oil
Initial Report Subst Catego: Oil
Initial Report Subst Quanti:
Initial Report Substance Unit:
Initial Report Medium Name: Soil
Initial Report Medium Category: Ground
Initial Report Cause Category:
Initial Report Cause Name:
Initial Report Source Name:
Initial Report Source Category:
Initial Report Activity Name:
Initial Report Comment Desc: GeoEngineers reports soil characterization and rem

Follow up Details

ERTS Follow up No: 119644
Follow up Substance Name: Mineral oil/Transformer oil
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name: Other
Follow up Medium Name: Soil

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Follow up Source Nname: Undetermined
 Follow up Activity Name: Other

Potential Details

Pot Resp Party First Name:
 Pot Resp Prty Last Name:
 Potentially Resp Party Org: Puget Sound Energy

Follow up Comments

Follow up Comment:

ERTS Number 633749 - SITE RECOMMENDED FOR LISTING IN ISIS. SEE INITIAL INVESTIGATION SENT TO SWRO RECORDS CENTER 5/8/2012.

Follow up Comment:

ERTS Number 633749 - Historic Investigator Contact Information - FirstName: SHARON MiddleName: LastName: BELL OrganizationName: TOXICS CLEANUP WorkLocation: swro

Follow up Comment:

ERTS Number 633749 - Historic Referral Contact Information - ReferralDate: 2009-12-27 FirstName: SHARON MiddleName: LastName: BELL Email: erts@tpchd.org PhoneNumber: (253) 798-2891 OrganizationName: TOXICS CLEANUP WorkLocation: swro

Initial Comments

Initial Report Comment:

ERTS Number 633749 - GeoEngineers reports soil characterization and remedial excavation for White River Substation.

This ERTS was originally referred to TPCHD for follow up in December 2009. The TPCHD mistakenly determined that the site location was the same as PSE White River Power Generating Station. The latter site is already listed, so further pursuit of the ORIGINAL ERTS did not occur. The error in the site location was recently discovered and TPCHD reactivated the ERTS unfortunately ERTS 617247 had been deleted.

Therefore, ERTS 633749 was created and reconstructed on 5/8/2012.

14	6 of 7	E	0.07 / 391.90	618.45 / 253	NULL 2120 Lakeland Hills Way BONNEY LAKE WA	SPILLS
Incident ID:	633749			Location:	NULL	
Incident Date:	12/17/2009			Address:	2120 Lakeland Hills Way	
Latitude:	NULL			City:	BONNEY LAKE	
Longitude:	NULL			County:	PIERCE	

14	7 of 7	E	0.07 / 391.90	618.45 / 253	2120 Lakeland Hills Way BONNEY LAKE WA	SPILLS
Incident ID:	633749			Location:	2120 Lakeland Hills Way	
Incident Date:				Address:	BONNEY LAKE	
Latitude:				City:	PIERCE	
Longitude:				County:		

Spill Information

Incident Date: 12/17/2009
 Latitude: NULL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude:		NULL				
<u>Spill Details Historical</u>						
Material:	PETROLEUM - MINERAL OIL	Source:	NULL			
Qty:	NULL	Sheen Only:	0			
Medium:	SOIL	Waterway:	NULL			
Impact:	NULL	Prp Business Name:	Puget Sound Energy			
Cause:	NULL	Prp First Name:	NULL			
Activity:	NULL	Prp Last Name:	NULL			

15	1 of 1	WSW	0.11 / 584.76	56.77 / -308	14900 24th St E SUMNER WA 98390	ERTS
Incident ID:	686445	Latitude:	47.235460000000003			
Incident Date:	2019-01-06	Longitude:	-122.22971			
County:	PIERCE					
Location:						

Initial Report Details

Initial Report Substance Name: Mineral oil/Transformer oil
Initial Report Subst Catego: Oil
Initial Report Subst Quanti: 3
Initial Report Substance Unit: U.S. gallons
Initial Report Medium Name: Soil
Initial Report Medium Category: Ground
Initial Report Cause Category:
Initial Report Cause Name:
Initial Report Source Name: Power generation utility
Initial Report Source Category: Facility
Initial Report Activity Name: Other
Initial Report Comment Desc: On behalf of Puget Sound Energy, Craig Lund from G

Follow up Details

ERTS Follow up No: 163028
Follow up Substance Name: Mineral oil/Transformer oil
Follow up Substance Quantity: 3
Follow up Subst Unit of Meas: U.S. gallons
Follow up Cause Name:
Follow up Medium Name: Soil
Follow up Source Nname:
Follow up Activity Name:

Potential Details

Pot Resp Party First Name:
Pot Resp Prty Last Name:
Potentially Resp Party Org: Puget Sound Energy

Follow up Comments

Follow up Comment:

ERTS Number 686445 - From: Wecker, Kirsten (ECY <kalv461@ECY.WA.GOV>
 Sent: Wednesday, January 23, 2019 4:09 PM
 To: Goodman, Jodi (ECY) <jgoo461@ECY.WA.GOV>
 Subject: FW: Non-spill request (ERTS # Unknown)

Hi Jodi,

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Can you please enter this release into ERTS with the following follow-up:

The mineral oil release did not impact soil or groundwater but was confined to the paved driveway. The driveway was cleaned with a degreasing solution and the rinsate collector by Vactor Truck. Given that soil and groundwater was not impacted and appropriate actions were taken to remediate the release to the impervious surface the Toxic Cleanup Program considers this matter resolved and recommends a status of No Further Action for this incident.

Thanks!
Kirsten

Follow up Comment:

ERTS Number 686445 - Historic Investigator Contact Information - FirstName: Kirsten MiddleName: LastName: Alvarez OrganizationName: TOXICS CLEANUP WorkLocation: SWRO

Follow up Comment:

ERTS Number 686445 - Historic Referral Contact Information - ReferralDate: 2019-01-06 FirstName: Geoff MiddleName: LastName: Baran Email: geba461@ecy.wa.gov PhoneNumber: (360) 407-7114 OrganizationName: SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE WorkLocation: SWRO

Follow up Comment:

ERTS Number 686445 - Historic Referral Contact Information - ReferralDate: 2019-01-24 FirstName: Kirsten MiddleName: LastName: Alvarez Email: KALV461@ecy.wa.gov PhoneNumber: (360) 407-6246 OrganizationName: TOXICS CLEANUP WorkLocation: SWRO

Initial Comments

Initial Report Comment:

ERTS Number 686445 - From: Craig W. Lund <clund@geoengineers.com>
Sent: Wednesday, January 23, 2019 12:03 PM
To: Wecker, Kirsten (ECY <kalv461@ECY.WA.GOV>
Cc: Lyn Wright <lwright@geoengineers.com>; Chris T. Brown <cbrown@geoengineers.com>; Arthur W. Clauss <aclauss@geoengineers.com>; Tony Orme <torme@geoengineers.com>
Subject: Non-spill request (ERTS # Unknown)

Hello Kristen,

This e-mail is to let you know that a mineral oil release reported to the Washington State Department of Ecology on January 6, 2019 (ERTS# unknown) is a non-spill, so a summary report will not be generated for the [non] incident. No soil, vegetation, or groundwater was impacted. The PSE Operations Department reported a mineral oil release associated with a pole-mounted transformer in which a storm caused tree fall resulted in a utility pole crashing to the ground. GeoEngineers responded to the incident but in performing a visual inspection of the site and field screening soil on site, no signs of a mineral oil release were identified.

The address for this site is:
14900 24th St E,
Sumner, Washington

PSE reported that a pole-mounted transformer had released mineral oil when a tree had fallen across electrical cables, resulting in a utility pole falling to the ground and a pole-mounted transformer releasing mineral oil to the soil. GeoEngineers responded to the incident during the daylight to better be able to identify the mineral oil impacts but no signs of a release were found. The soil from the area around the utility pole and the area around the devices point of impact with the ground was field screened but no signs of mineral oil were detected. A visible inspection of the entire area yielded no indication that mineral oil had been released. It appeared the report of a mineral oil release to GeoEngineers had been made in error. Based on this information, we request that this incident be closed out.

Please let me know if there is any additional information you may need to assist with this request.

Thanks

Craig W. Lund
Staff Geologist 2 | GeoEngineers, Inc.
Telephone: 425.861.0271
Fax: 425.861.6050
Mobile: 719.494.4248
Email: clund@geoengineers.com

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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17425 Union Hill Road Ste 250
Redmond, WA 98052
www.geoengineers.com

Initial Report Comment:

ERTS Number 686445 - On behalf of Puget Sound Energy, Craig Lund from GeoEngineers reported that high winds knocked down a tree, knocking down a pole mounted transformer. Clean-up crew scheduled to respond.

<u>16</u>	1 of 6	WNW	0.11 / 596.01	67.09 / -298	PETERSEN BROTHERS INC 2008 E VALLEY HWY SUMNER WA 98390	RCRA NON GEN
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EPA Handler ID: WAR000005223
Gen Status Universe: No Report
Contact Name: ROBYN DELORM
Contact Address: 2008 E VALLEY HWY E , , SUMNER , WA, 98390 , US
Contact Phone No and Ext: 253-863-8136
Contact Email: ROBYN@PETERSENBROTHERS.COM
Contact Country: US
County Name: PIERCE
EPA Region: 10
Land Type: Private
Receive Date: 20060224
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 11
Receive Date: 20050208
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Date: 20060223
Handler Name: PETERSEN BROTHERS INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19960229
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20001212
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060223
Handler Name: PETERSEN BROTHERS INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20020301
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 13
Receive Date: 20060224
Handler Name: PETERSEN BROTHERS INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20040303
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 12
Receive Date: 20060223
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20041231
Handler Name: PETERSEN BROTHERS INC
Source Type: Annual/Biennial Report
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19941231
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20001229
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19990216
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20051231
Handler Name: PETERSEN BROTHERS INC
Source Type: Annual/Biennial Report
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19970129
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19980217
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20030129
Handler Name: PETERSEN BROTHERS INC
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	2008 E VALLEY HWY E
Name:	PETERSEN BROTHERS INC	Street 2:	
Date Became Current:	20001212	City:	SUMNER
Date Ended Current:		State:	WA
Phone:	253-863-8136	Country:	US
Source Type:	Implementer	Zip Code:	98390

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	2008 E VALLEY HWY E
Name:	PETERSEN BROTHERS INC	Street 2:	
Date Became Current:	20001212	City:	SUMNER
Date Ended Current:		State:	WA
Phone:	253-863-8136	Country:	US
Source Type:	Notification	Zip Code:	98390

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	2008 E VALLEY HWY E
Name:	GARY P	Street 2:	
Date Became Current:	20001212	City:	SUMNER
Date Ended Current:		State:	WA
Phone:	253-863-8136	Country:	US
Source Type:	Implementer	Zip Code:	98390-9579

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	2008 E VALLEY HWY E
Name:	PETERSEN, GARY	Street 2:	
Date Became Current:		City:	SUMNER
Date Ended Current:		State:	WA
Phone:	253-833-2544	Country:	US
Source Type:	Notification	Zip Code:	98390

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	2008 E VALLEY HWY E
Name:	PETERSEN BROTHERS INC	Street 2:	
Date Became Current:	20001212	City:	SUMNER
Date Ended Current:		State:	WA
Phone:		Country:	US
Source Type:	Annual/Biennial Report	Zip Code:	98390-9579

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	2008 E VALLEY HWY E
Name:	PETERSEN, ARLENE	Street 2:	
Date Became Current:		City:	SUMNER
Date Ended Current:		State:	WA

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Phone:	253-863-8136			Country:	US	
Source Type:	Implementer			Zip Code:	98390-9579	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY E	
Name:	PETERSEN, ARLENE			Street 2:		
Date Became Current:				City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:	253-863-8136			Country:	US	
Source Type:	Notification			Zip Code:	98390	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY E	
Name:	GARY PETERSEN			Street 2:		
Date Became Current:	19960903			City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:	98390-9579	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY	
Name:	PETERSEN BROTHERS INC			Street 2:		
Date Became Current:				City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:	000-000-0000			Country:	US	
Source Type:	Notification			Zip Code:	98390	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY	
Name:	PETERSEN BROTHERS INC			Street 2:		
Date Became Current:				City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:	000-000-0000			Country:	US	
Source Type:	Notification			Zip Code:	98390	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY E	
Name:	GARY P			Street 2:		
Date Became Current:	19960903			City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:	253-833-2544			Country:	US	
Source Type:	Implementer			Zip Code:	98390-9579	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY E	
Name:	PETERSEN BROTHERS INC			Street 2:		
Date Became Current:				City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:	253-863-8136			Country:	US	
Source Type:	Implementer			Zip Code:	98390-9579	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY E	
Name:	PETERSEN, ARLENE			Street 2:		
Date Became Current:				City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:	253-863-8136			Country:	US	
Source Type:	Implementer			Zip Code:	98390	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	2008 E VALLEY HWY E	
Name:	PETERSEN, GARY			Street 2:		
Date Became Current:				City:	SUMNER	
Date Ended Current:				State:	WA	
Phone:	253-833-2544			Country:	US	
Source Type:	Implementer			Zip Code:	98390	

Historical Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Site ID:	9182967				Fac Site ID (OD): 9182967	
Cleanup Site ID:	7833				Cleanup Site ID (OD): 7833	
Site Status:	Cleanup Started				Site Status (OD): Cleanup Started	
Site Rank:					Site Name (OD): PETERSEN BROTHERS INC	
Current VCP:					Site Rank (OD):	
Past VCP:					Respon Unit (OD): Southwest	
Has Inst Control:					Has Env Coven (OD):	
Responsible Unit:	Southwest				County (OD): Pierce	
County:	Pierce				Region (OD): Southwest	
Region:	Southwest				Address (OD): 2008 E VALLEY HWY	
Latitude:	47.239222				City (OD): SUMNER	
Longitude:	-122.226444				Zipcode (OD): 98390	
Alternate Site Names:	Petersen Bros Inc,PETERSEN BROTHERS					
Location (OD):	""					
	(47.239222, -122.226444)					
Latitude (OD):	47.239222					
Longitude (OD):	-122.226444					
Data Source(s):	Confirmed and Suspected Contaminated Sites; Cleanup Sites (Open Data Portal)					

Contaminants Detail(s)

Contaminant Name:	Petroleum-Other	Sediment:
Groundwater:	Confirmed Above Cleanup Levels	Air:
Surfacewater:		Bedrock:
Soil:	Confirmed Above Cleanup Levels	

Open Data Portal - Media and Contaminants as of 2019-07-23

Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Petroleum-Other
Contaminant Media:	Groundwater
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Petroleum-Other
Contaminant Media:	Soil

[16](#)

3 of 6

WNW

0.11 /
596.0167.09 /
-298PETERSEN BROTHERS INC
2008 E VALLEY HWY
SUMNER WA 98390

ALL SITES

Facility/Site ID:	9182967
Source File:	Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID:	WAR000005223
Facility Alternate:	
Interaction ID:	24118
Interaction Status:	I
Interac Status Desc:	Inactive
Interaction Type:	HWG
Interaction Desc:	Hazardous Waste Generator
Interact Start Dt:	14-Sep-1995
Interact End Dt:	31-Dec-2005
Ecology Program:	HAZWASTE
Program Name Desc:	Hazardous Waste & Toxics Reduction Program
Prog Database Name:	TURBOWASTE
Database Name Desc:	Hazardous Waste Inf Mgt System
Program ID:	9745
Facility Alternate:	
Interaction ID:	24117
Interaction Status:	A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Interac Status Desc:		Active				
Interaction Type:		UST				
Interaction Desc:		Underground Storage Tank				
Interact Start Dt:		01-Feb-1985				
Interact End Dt:						
Ecology Program:		TOXICS				
Program Name Desc:		Toxics Cleanup Program				
Prog Database Name:		UST				
Database Name Desc:		Underground Storage Tanks				
Program ID:		9745				
Facility Alternate:						
Interaction ID:		24119				
Interaction Status:		A				
Interac Status Desc:		Active				
Interaction Type:		LUST				
Interaction Desc:		LUST Facility				
Interact Start Dt:		29-Jan-1999				
Interact End Dt:						
Ecology Program:		TOXICS				
Program Name Desc:		Toxics Cleanup Program				
Prog Database Name:		ISIS				
Database Name Desc:		Integrated Site Info System				

Facility Location Detail

Objectid: 46739
GIS Calc Lat Decimal Nr: 47.239222
GIS Calc Long Decimal Nr: -122.226444
Loc Verified Cd: N

16	4 of 6	WNW	0.11 / 596.01	67.09 / -298	PETERSEN BROTHERS INC 2008 E VALLEY HWY SUMNER WA 98390	LUST
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Facility Site ID: 9182967
Cleanup Site ID: 7833
Responsible Unit: Southwest
Region: Southwest
Alternate Site Names: Petersen Bros Inc,PETERSEN BROTHERS

County: Pierce
Latitude: 47.239222
Longitude: -122.226444

Tank Detail(s)

UST ID: 9745
LUST ID: 5346
LUST Status: LUST - Cleanup Started

Status Date: 01/29/1999
Release Date: 01/29/1999

Contaminants Detail(s)

Contaminant Name: Petroleum-Other
Groundwater: Confirmed Above Cleanup Levels
Surfacewater:
Soil: Confirmed Above Cleanup Levels

Sediment:
Air:
Bedrock:

16	5 of 6	WNW	0.11 / 596.01	67.09 / -298	PETERSEN BROTHERS INC 2008 E VALLEY HWY SUMNER WA 98390	ICR
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Cleanup Site ID: 7833
Facility Site ID: 9182967
Site Status: Cleanup Started
Statute: MTCA
Rank:
Rank Description:

WRIA ID: 10
Is NFA Site:
Responsible Unit: Southwest
Latitude: 47.239221999999998
Longitude: -122.226444
Legislative District: 31

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Has Env Covenant: Is Brownfiled Site: Is PSI Site:				Congr District: 10 County Name: Pierce		
Cleanup Activities						
Related ID: VCP Prj No: Activity Name: Early Notice Letter(s) Activity Status: County Name: Pierce Applies to: CleanupSite Applies to Description:				Start Date: End Date: 2011-09-30 Legal Mechanism: Performed by: Project Manager: Johnston, Carol		
Related ID: 5346 VCP Prj No: Activity Name: LUST - Notification Activity Status: County Name: Pierce Applies to: LUST Applies to Description: Leaking Underground Storage Tank				Start Date: 1999-01-29 End Date: 1999-01-29 Legal Mechanism: Performed by: Project Manager:		
Related ID: 5346 VCP Prj No: Activity Name: LUST - Report Received Activity Status: County Name: Pierce Applies to: LUST Applies to Description: Leaking Underground Storage Tank				Start Date: 1999-07-26 End Date: 1999-08-04 Legal Mechanism: Performed by: Project Manager:		
Related ID: VCP Prj No: Activity Name: Initial Investigation / Federal Preliminary Assessment Activity Status: Completed County Name: Pierce Applies to: CleanupSite Applies to Description:				Start Date: 1999-01-29 End Date: 2011-09-30 Legal Mechanism: Performed by: Ecology Project Manager: Johnston, Carol		
Related ID: VCP Prj No: Activity Name: Site Discovery/Release Report Received Activity Status: County Name: Pierce Applies to: CleanupSite Applies to Description:				Start Date: End Date: 1999-07-26 Legal Mechanism: Performed by: Project Manager: Johnston, Carol		
Media Contaminants						
Contaminant Type: Petroleum-Other Groundwater: C Groundwater Desc.: Confirmed Above Cleanup Level Surface Water: Surfacewater Desc.: Soil: C Soil Desc.: Confirmed Above Cleanup Level				Sediment: Sediment Desc.: Air: Air Desc.: Bedrock: Bedrock Desc.: County Name: Pierce		

16

6 of 6

WNW

0.11 /
596.01

67.09 /
-298

PETERSEN BROTHERS INC
208 E VALLEY HWY
SUMNER WA 98390-

ERTS

Incident ID: 561658
Incident Date:
County: PIERCE
Location: PETERSEN BROTHERS INC

Latitude:
Longitude:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Initial Report Details

Initial Report Substance Name: Lube oil/Motor oil
Initial Report Subst Category: Oil
Initial Report Subst Quanti:
Initial Report Substance Unit:
Initial Report Medium Name: Soil
Initial Report Medium Category: Ground
Initial Report Cause Category: Human error
Initial Report Cause Name: Dumping
Initial Report Source Name: Commercial/Industrial facility
Initial Report Source Category: Facility
Initial Report Activity Name: Disposing
Initial Report Comment Desc: Complaint Details:
 Company has `punch auger truck

Follow up Details

ERTS Follow up No: 81628
Follow up Substance Name: Lube oil/Motor oil
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name: Dumping
Follow up Medium Name: Soil
Follow up Source Name: Commercial/Industrial facility
Follow up Activity Name: Disposing

Potential Details

Pot Resp Party First Name:
Pot Resp Prty Last Name:
Potentially Resp Party Org: PETERSEN BROTHERS INC

Follow up Comments**Follow up Comment:**

ERTS Number 561658 - COMPLAINT (Brief Summary of ERTS):
 Draining oil from auger trucks onto unpaved ground.

SITE STATUS (Brief Summary of site condition(s) after investigation):
 No significant threat to human health or the environment was found at this site.

Investigator: S. Bell Date Submitted: 04.23.07

OBSERVATIONS**Description:**

The Petersen Family owns many parcels along East Valley Highway, many of them contiguous, under a variety of names. Many of the parcels have the same site address as listed for the subject property. The parcel investigated for this complaint was selected due to the presence of auger trucks parked in the equipment storage yard. A great many semi-trucks were also parked in the storage yard just north of the subject property with `Petersen Bros` denoted on the cabs.

04.06.07: Arrived at site and met with Dave Robertson, the Superintendent of Petersen Brothers Inc. I explained the complaint received about the company and we walked the equipment storage yard and inspected the maintenance shop and fueling area. Much of the area is paved. Five auger trucks were parked in the unpaved portion of the yard, and no significant staining under or near them was noted. Mr. Robertson told me that during hot weather the auger trucks bleed hydraulic fluid from the seals and some of the oil does drip onto unpaved surface when that occurs. Mr. Robertson told me that these leaks are routinely cleaned up. There was a new poured concrete parking pad curing that will be used for the auger trucks in the future to address the leakage problem. The pad is sloped towards a central catchment drain to collect stormwater runoff and any hydraulic fluid leaks from the auger trucks. The catchment system consists of the central drain connected to an oil/water separator. The fueling area is paved and covered, with underground storage tanks and a monitoring system. The maintenance shop is a large building and has drums to collect oil. The oil is pumped from the drums to above ground storage tanks stored in a separate room of the shop building. Drums and tanks for storing used antifreeze were also located in the waste storage room. Phoenix Environmental collects the waste oil and antifreeze. The shop and property appear very well maintained with no noticeable releases and good engineering and institutional controls in place.

No threats to human health or the environment were observed at this site.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SITE ASSESSMENT COMPLETED. SITE IS NOT RECOMMENDED FOR LISTING. SEE INITIAL INVESTIGATION DOCUMENTATION ON FILE IN THE CENTRAL FILES ROOM, SWRO FOR DETAILS.

Follow up Comment:

ERTS Number 561658 - Historic Investigator Contact Information - FirstName: SHA MiddleName: LastName: TACOMA PIERCE COUNTY HEALTH DEPARTMENT OrganizationName: TOXICS CLEANUP WorkLocation: swro

Follow up Comment:

ERTS Number 561658 - Historic Referral Contact Information - ReferralDate: 2007-04-03 FirstName: SHA MiddleName: LastName: TACOMA PIERCE COUNTY HEALTH DEPARTMENT Email: erts@tpchd.org PhoneNumber: (253) 798-2891 OrganizationName: TOXICS CLEANUP WorkLocation: swro

17	1 of 1	W	0.11 / 601.92	52.61 / -313	SEATTLE SUBDIVISION MILEPOST 26.1X SEATTLE WA	SPILLS
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Incident ID:	92147	Location:	SEATTLE SUBDIVISION
Incident Date:	1/26/2017	Address:	MILEPOST 26.1X
Latitude:	47.23817	City:	SEATTLE
Longitude:	-122.2283	County:	KING

Spill Details May 2016 - April 2019

Incident Category:	Oil Spill	Cause:	MECHANICAL FAILURE
Incident Cat Desc:		Cause Type Desc:	EQUIPMENT/MATERIAL FAILURE
Product:	LUBE OIL/MOTOR OIL	Source:	Train
Spill Quantity:	1	Source Type Desc:	Vehicle
Unit:	Gals	Regulated 1:	0
Medium:	Railroad Track Bed	Primary Prp:	
Medium Type Desc:	Land		
Activity:	STATIC OR PERFORMING DESIGNED FUNCTION		
Impact:	POTENTIAL POLLUTION ONLY-NO RELEASE		
Prp Bus Name:	BNSF		
Prp Contact Name:	Kevin Nevill		
Narrative Description:			

18	1 of 2	SW	0.12 / 658.28	66.50 / -299	SEDRON SERVICES SUMNER SMF 2518 E VALLEY HWY Sumner WA 98284	SWF/LF
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ID:	3542	Open to Public:	No
Recycle Survey ID:	0	Regulation:	173-308
Permit Status:	Pending	Ownership:	PR
Operational Status:	Not Operating	Region:	Southwest Regional Office
Year Opened:		County:	Pierce
Year Closed:		Latitude:	0
Ann Report Required:	Yes	Longitude:	0
Rec Survey Required:	No	Facility Phone:	
Facility Type:	Biosolids Management		

Details

Permit No:		Contact Address 1:	133 W STATE ST STE 105
Operator First Name:		Contact Address 2:	
Operator Last Name:		Contact City:	SEDRO-WOOLLEY
Operator Title:		Contact State:	WA
Operator Email:		Contact Zip:	98284
Contact First Name:	JASON	Contact Email:	jchang@sedron.com
Contact Last Name:	CHANG	Contact Phone:	(916) 220-4017
Contact Title:		Contact Phone Ext:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Contact Organization:		_Unspecified				
Operator Organization:		_Unspecified				
Web Address:						

18	2 of 2	SW	0.12 / 658.28	66.50 / -299	2518 E Valley Hwy SUMNER WA	ERTS
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Incident ID: 642000
Incident Date:
County: PIERCE
Location:

Latitude:
Longitude:

Initial Report Details

Initial Report Substance Name: Undetermined
Initial Report Subst Catego: Historical
Initial Report Subst Quanti:
Initial Report Substance Unit:
Initial Report Medium Name: Surface water-Fresh
Initial Report Medium Category: Water
Initial Report Cause Category: Accident
Initial Report Cause Name: Other
Initial Report Source Name: Commercial/Industrial facility
Initial Report Source Category: Facility
Initial Report Activity Name: Construction, road
Initial Report Comment Desc: The A A Asphalt Company has moved from this locati

Follow up Details

ERTS Follow up No: 129219
Follow up Substance Name: Undetermined
Follow up Substance Quantity:
Follow up Subst Unit of Meas:
Follow up Cause Name: Other
Follow up Medium Name: Surface water-Fresh
Follow up Source Nname: Commercial/Industrial facility
Follow up Activity Name: Construction, road

Potential Details

Pot Resp Party First Name:
Pot Resp Prty Last Name:
Potentially Resp Party Org: A A Asphalt Company

Follow up Comments

Follow up Comment:

ERTS Number 642000 - From: PCRESPONDS [mailto:PCRESPONDS@co.pierce.wa.us]
 Sent: Thursday, June 20, 2013 7:39 AM
 To: Mendoza, Sonia (ECY)
 Subject: RE: ERTS 642000 - A A Asphalt Company may did some filling in Sumner, Pierce County

Hi Sonia,
 This property is in the City of Sumner. Please contact them.

Thank you,
 Pierce County Responds

Follow up Comment:

ERTS Number 642000 - Historic Investigator Contact Information - FirstName: MiddleName: LastName: PIERCE COUNTY-ALL ERTS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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OrganizationName: ALL COMPLAINTS IN PIERCE COUNTY WorkLocation: SWR- PIERCE CO.

Follow up Comment:

ERTS Number 642000 - Historic Referral Contact Information - ReferralDate: 2013-06-20 FirstName: DEREK MiddleName: LastName: ROCKETT Email: droc461@ecy.wa.gov PhoneNumber: (360) 407-6697 OrganizationName: WATER QUALITY WorkLocation: SWRO

Follow up Comment:

ERTS Number 642000 - Historic Referral Contact Information - ReferralDate: 2013-06-20 FirstName: Scott MiddleName: Berbells LastName: DEPARTMENT OF HEALTH- all water quality Email: scott.berbells@doh.wa.gov; bob.woolrich@doh.wa.gov PhoneNumber: (360) 236-3324 OrganizationName: DEPARTMENT OF HEALTH WorkLocation: SWRO

Follow up Comment:

ERTS Number 642000 - Historic Referral Contact Information - ReferralDate: 2013-06-19 FirstName: MiddleName: LastName: PIERCE COUNTY-ALL ERTS Email: PCResponds@co.pierce.wa.us PhoneNumber: (253) 798-4649 OrganizationName: ALL COMPLAINTS IN PIERCE COUNTY WorkLocation: SWR- PIERCE CO.

Follow up Comment:

ERTS Number 642000 - Historic Referral Contact Information - ReferralDate: 2013-06-19 FirstName: RYAN MiddleName: WINDISH LastName: CITY OF SUMNER Email: ryanw@ci.sumner.wa.us PhoneNumber: (253) 299-5524 OrganizationName: COMMUNITY DEVELOPMENT - SENIOR PLANNER WorkLocation: CITY OF SUMNER

Initial Comments

Initial Report Comment:

ERTS Number 642000 - The A A Asphalt Company has moved from this location and is now vacant. The A A Asphalt Company maybe selling the property.

There is a road in the back of the asphalt building that leads to a wellhead and is near to a wetland and a creek. The caller is concerned that they have did in the past used chunks of asphalt, concrete, tar and etc to fill and widen the road and is concerned that some of the content like the tar and other content that could have oil is possibly leaking into the wellhead, wetland and creek, contaminating the waters.

The caller mentioned that this building is a Red building.

19	1 of 1	WSW	0.12 / 659.09	64.68 / -300	AA Asphaltting WA	TP HIST LF
Report:	A			ID:	1	
Close Date:	01-JUN-90			X Coord:	1211606	
Open Date:	01-SEP-88			Y Coord:	697907	
D Owner:				Latitude:	47.2342	
D Operator:				Longitude:	-122.226	

20	1 of 1	E	0.14 / 731.27	637.37 / 272	PSE Pierce County 230kV Transmission Lin Sumner WA 98390	ALL SITES
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Facility/Site ID: 11192
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: WAR305002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Alternate:		PSE Pierce County 230kV Transmission Lin				
Interaction ID:		120741				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		CONSTSWGP				
Interaction Desc:		Construction SW GP				
Interact Start Dt:		18-Jan-2017				
Interact End Dt:		18-Oct-2018				
Ecology Program:		WATQUAL				
Program Name Desc:		Water Quality Program				
Prog Database Name:		PARIS				
Database Name Desc:		Permitting & Reporting Information System				

Facility Location Detail

Objectid: 10883
GIS Calc Lat Decimal Nr: 47.239041
GIS Calc Long Decimal Nr: -122.210387
Loc Verified Cd:

21	1 of 3	E	0.23 / 1,229.35	635.73 / 271	NORTH TACOMA ODORANT FACILITY 2401 LAKELAND HILLS WAY BONNEY LAKE WA 98391	ALL SITES
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Facility/Site ID: 16175
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: CRK000082240
Facility Alternate: NORTH TACOMA ODORANT FACILITY
Interaction ID: 106055
Interaction Status: A
Interac Status Desc: Active
Interaction Type: TIER2
Interaction Desc: Emergency/Haz Chem Rpt TIER2
Interact Start Dt: 22-Apr-2013
Interact End Dt:
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: EPCRA
Database Name Desc: Emergency Planning & Community Right-to-Know Act

Facility Location Detail

Objectid: 15738
GIS Calc Lat Decimal Nr: 47.2379563255
GIS Calc Long Decimal Nr: -122.208631754
Loc Verified Cd:

21	2 of 3	E	0.23 / 1,229.35	635.73 / 271	VERIZON WIRELESS PIPELINE AUBURN 1919 LAKELAND HILLS WAY E SUMNER WA 98390	ALL SITES
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Facility/Site ID: 47968
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program ID: Facility Alternate: Interaction ID: Interaction Status: Interac Status Desc: Interaction Type: Interaction Desc: Interact Start Dt: Interact End Dt: Ecology Program: Program Name Desc: Prog Database Name: Database Name Desc:		CRK000088750 VERIZON WIRELESS PIPELINE AUBURN 127979 A Active TIER2 Emergency/Haz Chem Rpt TIER2 01-Jan-2015 HAZWASTE Hazardous Waste & Toxics Reduction Program EPCRA Emergency Planning & Community Right-to-Know Act				

Facility Location Detail

Objectid: 27816
GIS Calc Lat Decimal Nr: 47.20315
GIS Calc Long Decimal Nr: -122.24039
Loc Verified Cd:

21	3 of 3	E	0.23 / 1,229.35	635.73 / 271	NORTHWEST PIPELINE N TACOMA ODORANT FACILITY 2300 LAKELAND HILLS WAY BONNEY LAKE WA 98391	ALL SITES
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Facility/Site ID: 68546
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: CRK000092970
Facility Alternate: NORTHWEST PIPELINE N TACOMA ODORANT FACILITY
Interaction ID: 128110
Interaction Status: A
Interac Status Desc: Active
Interaction Type: TIER2
Interaction Desc: Emergency/Haz Chem Rpt TIER2
Interact Start Dt: 01-Jan-2013
Interact End Dt:
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: EPCRA
Database Name Desc: Emergency Planning & Community Right-to-Know Act

Facility Location Detail

Objectid: 30866
GIS Calc Lat Decimal Nr: 47.23642
GIS Calc Long Decimal Nr: -122.20834
Loc Verified Cd:

22	1 of 3	SW	0.26 / 1,378.64	63.53 / -302	City Transfer Inc 2720 E VALLEY HWY SUMNER WA 98390	ALL SITES
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Facility/Site ID: 8269212
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program ID:						
Facility Alternate:		City Transfer Inc				
Interaction ID:		117938				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		LUST				
Interaction Desc:		LUST Facility				
Interact Start Dt:		19-Oct-2015				
Interact End Dt:		14-Apr-2016				
Ecology Program:		TOXICS				
Program Name Desc:		Toxics Cleanup Program				
Prog Database Name:		ISIS				
Database Name Desc:		Integrated Site Info System				
Program ID: 100722						
Facility Alternate:						
Interaction ID:		22367				
Interaction Status:		A				
Interac Status Desc:		Active				
Interaction Type:		UST				
Interaction Desc:		Underground Storage Tank				
Interact Start Dt:		12-Jun-1991				
Interact End Dt:						
Ecology Program:		TOXICS				
Program Name Desc:		Toxics Cleanup Program				
Prog Database Name:		UST				
Database Name Desc:		Underground Storage Tanks				
Program ID: WAD988504338						
Facility Alternate:		CITY TRANSFER INC				
Interaction ID:		22368				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWG				
Interaction Desc:		Hazardous Waste Generator				
Interact Start Dt:		20-Mar-1992				
Interact End Dt:		31-Dec-2007				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Facility Location Detail						
Objectid:		45640				
GIS Calc Lat Decimal Nr:		47.232472				
GIS Calc Long Decimal Nr:		-122.226444				
Loc Verified Cd:		N				

[22](#)

2 of 3

SW

0.26 /
1,378.64

63.53 /
-302

City Transfer Inc
2720 E VALLEY HWY
SUMNER WA 98390

CSCSL NFA

Fac Site ID:	8269212	Fac Site ID (OD):	8269212
Cleanup Site ID:	13023	Cleanup Site ID (OD):	13023
Site Status:	NFA	Site Status (OD):	No Further Action
NFA Date:	04/14/2016	Rank (OD):	
Region:	Southwest	Has Env Coven (OD):	
Responsible Unit:	Southwest	Site Name (OD):	City Transfer Inc
County:	Pierce	Address (OD):	2720 E VALLEY HWY
Latitude:	47.232472	City (OD):	SUMNER
Longitude:	-122.226444	Zipcode (OD):	98390
Region (OD):	Southwest	Latitude (OD):	47.232472
Respon Unit (OD):	Southwest	Longitude (OD):	-122.226444
County (OD):	Pierce		
NFA Reason:	Initial Investigation		
Alternate Site Names:	KENT CITY TRANSFER,KENT CITY TRANSFER INC		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location (OD): ""
(47.232472, -122.226444)

Has Institutional Control:
Data Source(s): Department of Ecology - Washington; Open Data Portal - Washington State; Open Data Portal - Media and Contaminants

NFA Contaminants Detail(s)

Contaminant Name:	Petroleum-Diesel	Surfacewater:
Soil:	Remediated-Below	Air:
Groundwater:		Bedrock:
Sediment:		

Open Data Portal - Media and Contaminants as of 2018-09-20

Contaminant Media: Soil
Contaminant: Petroleum-Diesel
Contaminant Status: Remediated-Below

22	3 of 3	SW	0.26 / 1,378.64	63.53 / -302	City Transfer Inc 2720 E VALLEY HWY SUMNER WA 98390	LUST
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Facility Site ID: 8269212 **County:** Pierce
Cleanup Site ID: 13023 **Latitude:** 47.232472
Responsible Unit: Southwest **Longitude:** -122.226444
Region: Southwest
Alternate Site Names: KENT CITY TRANSFER, KENT CITY TRANSFER INC

Tank Detail(s)

UST ID: 100722 **Status Date:** 04/14/2016
LUST ID: 6951 **Release Date:** 10/05/2015
LUST Status: LUST - NFA

Contaminants Detail(s)

Contaminant Name:	Petroleum-Diesel	Sediment:
Groundwater:		Air:
Surfacewater:		Bedrock:
Soil:	Remediated-Below	

23	1 of 1	E	0.28 / 1,489.64	624.94 / 260	FOREST CANYON HIGHLANDS NOVASTAR EXTENSION OF LAKELAND HILLS WAY AUBURN WA 98390	ALL SITES
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Facility/Site ID: 14534
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: WAR006450
Facility Alternate: FOREST CANYON HIGHLANDS NOVASTAR
Interaction ID: 84182
Interaction Status: I
Interac Status Desc: Inactive
Interaction Type: CONSTSWGP
Interaction Desc: Construction SW GP
Interact Start Dt: 03-Oct-2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Interact End Dt:		11-May-2015				
Ecology Program:		WATQUAL				
Program Name Desc:		Water Quality Program				
Prog Database Name:		PARIS				
Database Name Desc:		Permitting & Reporting Information System				
<u>Facility Location Detail</u>						
Objectid:		14140				
GIS Calc Lat Decimal Nr:		47.2372				
GIS Calc Long Decimal Nr:		-122.207				
Loc Verified Cd:						
24	1 of 2	S	0.29 / 1,520.90	148.24 / -217	AT&T WIRELESS LAKE TAPPS 17501 N TAPPS HWY SUMNER WA 98390	ALL SITES
Facility/Site ID:		9899318				
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites				
<u>Facility/Site Interaction</u>						
Program ID:		CRK000057200				
Facility Alternate:		25522				
Interaction ID:		I				
Interac Status Desc:		Inactive				
Interaction Type:		TIER2				
Interaction Desc:		Emergency/Haz Chem Rpt TIER2				
Interact Start Dt:		15-Sep-2003				
Interact End Dt:		16-Sep-2003				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		EPCRA				
Database Name Desc:		Emergency Planning & Community Right-to-Know Act				
<u>Facility Location Detail</u>						
Objectid:		47645				
GIS Calc Lat Decimal Nr:		47.2159119907				
GIS Calc Long Decimal Nr:		-122.20096636				
Loc Verified Cd:		N				
24	2 of 2	S	0.29 / 1,520.90	148.24 / -217	FIRE STATION 2 SUMNER 21105 N TAPPS HWY SUMNER WA 98390	ALL SITES
Facility/Site ID:		68321122				
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites				
<u>Facility/Site Interaction</u>						
Program ID:		7639				
Facility Alternate:		58762				
Interaction ID:		I				
Interac Status Desc:		Inactive				
Interaction Type:		UST				
Interaction Desc:		Underground Storage Tank				
Interact Start Dt:		30-May-1980				
Interact End Dt:		22-Mar-2000				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ecology Program: Program Name Desc: Prog Database Name: Database Name Desc:		TOXICS Toxics Cleanup Program UST Underground Storage Tanks				
<u>Facility Location Detail</u>						
Objectid: GIS Calc Lat Decimal Nr: GIS Calc Long Decimal Nr: Loc Verified Cd:		65255 47.2311 -122.205757 N				

<u>25</u>	1 of 1	SW	0.30 / 1,562.70	62.65 / -302	VALLEY VIEW DIERINGER PIT 2720 E VALLEY HWY E SUMNER WA 98390	ALL SITES
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Facility/Site ID: 23241
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: WAG501031
Facility Alternate: Sumner Sand & Gravel LLC Sumner Pit
Interaction ID: 86385
Interaction Status: A
Interac Status Desc: Active
Interaction Type: SANDGP
Interaction Desc: Sand and Gravel GP
Interact Start Dt: 15-Feb-1995
Interact End Dt:
Ecology Program: WATQUAL
Program Name Desc: Water Quality Program
Prog Database Name: PARIS
Database Name Desc: Permitting & Reporting Information System

Facility Location Detail

Objectid: 22651
GIS Calc Lat Decimal Nr: 47.2280365017
GIS Calc Long Decimal Nr: -122.221063412
Loc Verified Cd:

<u>26</u>	1 of 1	NW	0.31 / 1,626.79	71.42 / -294	Kiblinger Dump 1706 East Valley Hwy Parcel #'s- 952000-016-8,-017-3, &-017-4 Sumner WA	SWF/LF
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ID: 1820	Open to Public: No
Recycle Survey ID:	Regulation:
Permit Status: Permit Not Required	Ownership: PR
Operational Status: Not Operating	Region: Southwest Regional Office
Year Opened: 1900	County: Pierce
Year Closed:	Latitude:
Ann Report Required: No	Longitude:
Rec Survey Required: No	Facility Phone:
Facility Type: Historic Landfill (non-regulated)	

Details

Permit No:	Contact Address 1:
Operator First Name:	Contact Address 2:
Operator Last Name:	Contact City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Operator Title: Operator Email: Contact First Name: Contact Last Name: Contact Title: Contact Organization: Operator Organization: Web Address:		Tacoma-Pierce Health Department Tacoma-Pierce Health Department		Contact State: Contact Zip: Contact Email: Contact Phone: Contact Phone Ext:		

[27](#) 1 of 1 **NW** 0.31 / 1,647.37 71.69 / -293 **Port City Express Inc** 1700 E VALLEY HWY E SUMNER WA 98390 **ALL SITES**

Facility/Site ID: 97421697
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: WAR000004226
Facility Alternate:
Interaction ID: 75366
Interaction Status: I
Interac Status Desc: Inactive
Interaction Type: HWG
Interaction Desc: Hazardous Waste Generator
Interact Start Dt: 11-Aug-1995
Interact End Dt: 31-Dec-1995
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: TURBOWASTE
Database Name Desc: Hazardous Waste Inf Mgt System

Facility Location Detail

Objectid: 73885
GIS Calc Lat Decimal Nr: 47.24385
GIS Calc Long Decimal Nr: -122.22701
Loc Verified Cd: N

[28](#) 1 of 1 **NW** 0.32 / 1,685.17 71.03 / -294 **Kiblinger** 1706 East Valley Hwy WA **TP HIST LF**

Report: A **ID:** 37
Close Date: **X Coord:** 1211409
Open Date: 13-APR-88 **Y Coord:** 700758
D Owner: WILLIAM KIBLINGER **Latitude:** 47.242
D Operator: WILLIAM KIBLINGER **Longitude:** -122.227

[29](#) 1 of 1 **SW** 0.36 / 1,876.08 64.82 / -300 **KENT CITY TRANSFER INC** QUARRY SITE 2813 E VALLEY HWY SUMNER WA 98390 **ALL SITES**

Facility/Site ID: 6321292
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: 425955

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Alternate:						
Interaction ID:		18585				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		UST				
Interaction Desc:		Underground Storage Tank				
Interact Start Dt:		22-Sep-1997				
Interact End Dt:		18-May-2000				
Ecology Program:		TOXICS				
Program Name Desc:		Toxics Cleanup Program				
Prog Database Name:		UST				
Database Name Desc:		Underground Storage Tanks				

Facility Location Detail

Objectid:	43295
GIS Calc Lat Decimal Nr:	47.221463
GIS Calc Long Decimal Nr:	-122.227189
Loc Verified Cd:	N

30	1 of 4	ESE	0.37 / 1,927.89	364.48 / -1	ATKINSON RENTAL PROPERTY 16127 FOREST CANYON RD E BONNEY LAKE WA 98391	CSCSL
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Fac Site ID:	19139	Fac Site ID (OD):	19139
Cleanup Site ID:	1900	Cleanup Site ID (OD):	1900
Site Status:	Awaiting Cleanup	Site Status (OD):	Awaiting Cleanup
Site Rank:		Site Name (OD):	ATKINSON RENTAL PROPERTY
Current VCP:		Site Rank (OD):	
Past VCP:		Respon Unit (OD):	Southwest
Has Inst Control:		Has Env Coven (OD):	
Responsible Unit:	Southwest	County (OD):	Pierce
County:	Pierce	Region (OD):	Southwest
Region:	Southwest	Address (OD):	16127 FOREST CANYON RD E
Latitude:	47.231371	City (OD):	BONNEY LAKE
Longitude:	-122.209581	Zipcode (OD):	98391
Alternate Site Names:			
Location (OD):	"" (47.231371, -122.209581)		
Latitude (OD):	47.231371		
Longitude (OD):	-122.209581		
Data Source(s):	Confirmed and Suspected Contaminated Sites; Cleanup Sites (Open Data Portal)		

Contaminants Detail(s)

Contaminant Name:	Petroleum Products-Unspecified	Sediment:	
Groundwater:	Suspected	Air:	
Surfacewater:		Bedrock:	
Soil:	Suspected		

Open Data Portal - Media and Contaminants as of 2019-07-23

Contaminant Status:	Suspected
Contaminant:	Petroleum Products-Unspecified
Contaminant Media:	Groundwater
Contaminant Status:	Suspected
Contaminant:	Petroleum Products-Unspecified
Contaminant Media:	Soil

30	2 of 4	ESE	0.37 / 1,927.89	364.48 / -1	ATKINSON RENTAL PROPERTY 16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ALL SITES
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility/Site ID: 19139
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID:
Facility Alternate: ATKINSON RENTAL PROPERTY
Interaction ID: 77656
Interaction Status: A
Interac Status Desc: Active
Interaction Type: SCS
Interaction Desc: State Cleanup Site
Interact Start Dt: 22-Dec-2008
Interact End Dt:
Ecology Program: TOXICS
Program Name Desc: Toxics Cleanup Program
Prog Database Name: ISIS
Database Name Desc: Integrated Site Info System

Facility Location Detail

Objectid: 18640
GIS Calc Lat Decimal Nr: 47.231371
GIS Calc Long Decimal Nr: -122.209581
Loc Verified Cd:

30	3 of 4	ESE	0.37 / 1,927.89	364.48 / -1	Forest Canyon Estates 16127 Forest Canyon Rd E Lake Tapps WA 98390	ALL SITES
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Facility/Site ID: 3063
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: WAR305635
Facility Alternate: Forest Canyon Estates
Interaction ID: 122768
Interaction Status: A
Interac Status Desc: Active
Interaction Type: CONSTSWGP
Interaction Desc: Construction SW GP
Interact Start Dt: 21-Jun-2017
Interact End Dt:
Ecology Program: WATQUAL
Program Name Desc: Water Quality Program
Prog Database Name: PARIS
Database Name Desc: Permitting & Reporting Information System

Facility Location Detail

Objectid: 2941
GIS Calc Lat Decimal Nr: 47.23378
GIS Calc Long Decimal Nr: -122.21221
Loc Verified Cd:

30	4 of 4	ESE	0.37 / 1,927.89	364.48 / -1	Forest Canyon Estates Sumner 16127 Forest Canyon Rd E Sumner WA 98390	ALL SITES
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Facility/Site ID: 81746

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites				
<u>Facility/Site Interaction</u>						
Program ID:		WAR307614				
Facility Alternate:		Lakeland Ridge				
Interaction ID:		129940				
Interaction Status:		A				
Interac Status Desc:		Active				
Interaction Type:		CONSTSWGP				
Interaction Desc:		Construction SW GP				
Interact Start Dt:		22-Feb-2019				
Interact End Dt:						
Ecology Program:		WATQUAL				
Program Name Desc:		Water Quality Program				
Prog Database Name:		PARIS				
Database Name Desc:		Permitting & Reporting Information System				
<u>Facility Location Detail</u>						
Objectid:		32825				
GIS Calc Lat Decimal Nr:		47.234684				
GIS Calc Long Decimal Nr:		-122.216473				
Loc Verified Cd:						
31	1 of 1	SE	0.38 / 2,014.50	342.02 / -23	FOREST CANYON HEIGHTS 16216 FOREST CANYON RD E SUMNER WA 98390	ALL SITES
Facility/Site ID:		21233				
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites				
<u>Facility/Site Interaction</u>						
Program ID:		WAR006137				
Facility Alternate:		FOREST CANYON HEIGHTS				
Interaction ID:		83942				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		CONSTSWGP				
Interaction Desc:		Construction SW GP				
Interact Start Dt:		19-Apr-2005				
Interact End Dt:		24-May-2012				
Ecology Program:		WATQUAL				
Program Name Desc:		Water Quality Program				
Prog Database Name:		PARIS				
Database Name Desc:		Permitting & Reporting Information System				
<u>Facility Location Detail</u>						
Objectid:		20684				
GIS Calc Lat Decimal Nr:		47.2317				
GIS Calc Long Decimal Nr:		-122.213				
Loc Verified Cd:						
32	1 of 1	ENE	0.41 / 2,159.37	578.02 / 213	Lakeland Commons II 16615 15th Street Ct E Auburn WA 98390	ALL SITES
Facility/Site ID:		1861				
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facilities - Sites

Facility/Site Interaction

Program ID: WAR303435
Facility Alternate: Lakeland Commons II
Interaction ID: 114770
Interaction Status: A
Interac Status Desc: Active
Interaction Type: CONSTSWG
Interaction Desc: Construction SW GP
Interact Start Dt: 15-Sep-2015
Interact End Dt:
Ecology Program: WATQUAL
Program Name Desc: Water Quality Program
Prog Database Name: PARIS
Database Name Desc: Permitting & Reporting Information System

Facility Location Detail

Objectid: 1793
GIS Calc Lat Decimal Nr: 47.243667
GIS Calc Long Decimal Nr: -122.20781
Loc Verified Cd:

33	1 of 1	ESE	0.43 / 2,273.76	391.33 / 26	ATKINSON RENTAL PROPERTY 16127 FOREST CANYON RD E BONNEY LAKE WA 98391	ICR
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Cleanup Site ID:	1900	WRIA ID:	10
Facility Site ID:	19139	Is NFA Site:	
Site Status:	Awaiting Cleanup	Responsible Unit:	Southwest
Statute:	MTCA	Latitude:	47.23137100000003
Rank:		Longitude:	-122.209581
Rank Description:		Legislative District:	31
Has Env Covenant:		Congr District:	8
Is Brownfiled Site:		County Name:	Pierce
Is PSI Site:			

Cleanup Activities

Related ID:		Start Date:	
VCP Prj No:		End Date:	2009-06-09
Activity Name:	Early Notice Letter(s)	Legal Mechanism:	
Activity Status:		Performed by:	
County Name:	Pierce	Project Manager:	Cross, Kim
Applies to:	CleanupSite		
Applies to Description:			

Related ID:		Start Date:	2008-12-22
VCP Prj No:		End Date:	2009-06-09
Activity Name:	Initial Investigation / Federal Preliminary Assessment	Legal Mechanism:	
Activity Status:	Completed	Performed by:	Ecology w/ Contractor
County Name:	Pierce	Project Manager:	County Health-SW
Applies to:	CleanupSite		
Applies to Description:			

Media Contaminants

Contaminant Type:	Petroleum Products-Unspecified	Sediment:	
Groundwater:	S	Sediment Desc.:	
Groundwater Desc.:	Suspected	Air:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Surface Water: Surfacewater Desc.: Soil: S Soil Desc.: Suspected					Air Desc.: Bedrock: Bedrock Desc.: County Name: Pierce	

34	1 of 1	W	0.45 / 2,366.89	60.11 / -305	Sumner Landing North Parking Lot 14401 24th St E Sumner WA 98390	ALL SITES
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Facility/Site ID: 22162
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID: WAR305526
Facility Alternate: Sumner Landing North Parking Lot
Interaction ID: 122605
Interaction Status: I
Interac Status Desc: Inactive
Interaction Type: CONSTSWGP
Interaction Desc: Construction SW GP
Interact Start Dt: 12-Jun-2017
Interact End Dt: 21-Dec-2018
Ecology Program: WATQUAL
Program Name Desc: Water Quality Program
Prog Database Name: PARIS
Database Name Desc: Permitting & Reporting Information System

Facility Location Detail

Objectid: 21596
GIS Calc Lat Decimal Nr: 47.23765
GIS Calc Long Decimal Nr: -122.23671
Loc Verified Cd:

35	1 of 1	NE	0.45 / 2,373.47	579.98 / 215	Evergreen Facility Group 1402 Lake Tapps Parkway E 137th St Sumner Auburn WA 98092	ALL SITES
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Facility/Site ID: 5656
Source File: Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites

Facility/Site Interaction

Program ID:
Facility Alternate: Evergreen Facility Group
Interaction ID: 93185
Interaction Status: A
Interac Status Desc: Active
Interaction Type: UW
Interaction Desc: Urban Waters
Interact Start Dt: 18-Nov-2009
Interact End Dt:
Ecology Program: HAZWASTE
Program Name Desc: Hazardous Waste & Toxics Reduction Program
Prog Database Name: LSC
Database Name Desc: Local Source Control

Facility Location Detail

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Objectid:		5468				
GIS Calc Lat Decimal Nr:		47.244422				
GIS Calc Long Decimal Nr:		-122.210571				
Loc Verified Cd:						
36	1 of 1	NW	0.45 / 2,389.16	68.26 / -297	Western Self Storage 1402 E VALLEY HWY E TACOMA WA 98421	ALL SITES
Facility/Site ID:		10169				
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites				
<u>Facility/Site Interaction</u>						
Program ID:		WAR303533				
Facility Alternate:		Western Self Storage				
Interaction ID:		115764				
Interaction Status:		A				
Interac Status Desc:		Active				
Interaction Type:		CONSTSWGP				
Interaction Desc:		Construction SW GP				
Interact Start Dt:		02-Nov-2015				
Interact End Dt:						
Ecology Program:		WATQUAL				
Program Name Desc:		Water Quality Program				
Prog Database Name:		PARIS				
Database Name Desc:		Permitting & Reporting Information System				
<u>Facility Location Detail</u>						
Objectid:		9882				
GIS Calc Lat Decimal Nr:		47.26297				
GIS Calc Long Decimal Nr:		-122.40511				
Loc Verified Cd:						
37	1 of 1	NE	0.47 / 2,463.75	581.79 / 217	Haggen 3438 1406 Lake Tapps Pkwy E Auburn WA 98092	ALL SITES
Facility/Site ID:		11293				
Source File:		Washington State Department of Ecology Facilities - Sites Interactions; Washington State Department of Ecology Facilities - Sites				
<u>Facility/Site Interaction</u>						
Program ID:		WAH000051302				
Facility Alternate:		Haggen 3438				
Interaction ID:		119093				
Interaction Status:		I				
Interac Status Desc:		Inactive				
Interaction Type:		HWG				
Interaction Desc:		Hazardous Waste Generator				
Interact Start Dt:		01-Aug-2016				
Interact End Dt:		31-Dec-2017				
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				
Program ID:		WAH000051302				
Facility Alternate:		Haggen 3438				
Interaction ID:		125029				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Interaction Status:		A				
Interac Status Desc:		Active				
Interaction Type:		HWOTHER				
Interaction Desc:		Haz Waste Management Activity				
Interact Start Dt:		31-Dec-2017				
Interact End Dt:						
Ecology Program:		HAZWASTE				
Program Name Desc:		Hazardous Waste & Toxics Reduction Program				
Prog Database Name:		TURBOWASTE				
Database Name Desc:		Hazardous Waste Inf Mgt System				

Facility Location Detail

Objectid:	10982
GIS Calc Lat Decimal Nr:	47.243237
GIS Calc Long Decimal Nr:	-122.20967
Loc Verified Cd:	

38	1 of 1	SE	0.61 / 3,194.72	475.10 / 110	Northwest Pipeline GP Sumner CS 3104 166TH AVE E SUMNER WA 98391	CSCSL
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Fac Site ID:		Fac Site ID (OD):	59485745
Cleanup Site ID:		Cleanup Site ID (OD):	3521
Site Status:		Site Status (OD):	Cleanup Started
Site Rank:		Site Name (OD):	Northwest Pipeline GP Sumner CS
Current VCP:		Site Rank (OD):	
Past VCP:		Respon Unit (OD):	Southwest
Has Inst Control:		Has Env Coven (OD):	
Responsible Unit:		County (OD):	Pierce
County:		Region (OD):	Southwest
Region:		Address (OD):	3104 166TH AVE E
Latitude:		City (OD):	SUMNER
Longitude:		Zipcode (OD):	98391
Alternate Site Names:			
Location (OD):	""		
	(47.229322, -122.210198)		
Latitude (OD):	47.229322		
Longitude (OD):	-122.210198		
Data Source(s):	Cleanup Sites (Open Data Portal)		

Open Data Portal - Media and Contaminants as of 2019-07-23

Contaminant Status:	Suspected
Contaminant:	Metals Priority Pollutants
Contaminant Media:	Groundwater
Contaminant Status:	Below Cleanup Levels
Contaminant:	Polychlorinated biPhenyls (PCB)
Contaminant Media:	Soil
Contaminant Status:	Suspected
Contaminant:	Petroleum Products-Unspecified
Contaminant Media:	Groundwater
Contaminant Status:	Suspected
Contaminant:	Polycyclic Aromatic Hydrocarbons
Contaminant Media:	Groundwater
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Petroleum Products-Unspecified
Contaminant Media:	Soil
Contaminant Status:	Confirmed Above Cleanup Levels
Contaminant:	Metals Priority Pollutants
Contaminant Media:	Soil

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Contaminant Status:					Confirmed Above Cleanup Levels	
Contaminant:					Polycyclic Aromatic Hydrocarbons	
Contaminant Media:					Soil	

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
SPILLS	WHITE	24TH ST	SUMNER WA		891686970
<i>Incident ID Incident Date: 550818 9/26/2005</i>					

Unplottable Report

Site: WHITE
24TH ST SUMNER WA

SPILLS

Incident ID: 550818
Incident Date: 9/26/2005
Latitude: NULL
Longitude: NULL

Location: WHITE
Address: 24TH ST
City: SUMNER
County: PIERCE

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Mar 30, 2022

National Priority List - Proposed:

PROPOSED NPL

Sites proposed - by the EPA, the state agency, or concerned citizens - for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Mar 30, 2022

Deleted NPL:

DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Mar 30, 2022

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Apr 27, 2022

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Apr 27, 2022

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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 this site on the National Priorities List (NPL). This 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 a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Apr 11, 2022

RCRA non-CORRACTS TSD Facilities:[RCRA TSD](#)

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Apr 11, 2022

RCRA Generator List:[RCRA LQG](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Apr 11, 2022

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Apr 11, 2022

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Apr 11, 2022

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Apr 11, 2022

RCRA Sites with Controls:[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Apr 11, 2022

Federal Engineering Controls-ECs:[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Dec 30, 2021

Federal Institutional Controls- ICs:[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Dec 30, 2021

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Mar 30, 2022

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Dec 31, 2021

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations:

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Feb 4, 2022

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Feb 4, 2022

LIEN on Property:

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Apr 27, 2022

Superfund Decision Documents:

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: May 3, 2022

State**Hazardous Sites List:**

HSL

Washington State Department of Ecology (DEC) records of sites that have been assessed and ranked using the Washington Ranking Method (WARM score) - a number between 1 and 5, where a score of 1 represents the highest level of risk and 5 the lowest. Some factors that enter into site hazard ranking include: the amount and type of contaminants present; how easily contaminants could come into contact with people and the environment; and the level of public concern. This database is state equivalent NPL.

Government Publication Date: Feb 18, 2022

Confirmed and Suspected Contaminated Sites List:

CSCSL

Confirmed & Suspected Contaminated Sites List made available by the Washington State Department of Ecology (DEC). This database is state equivalent CERCLIS.

Government Publication Date: Feb 18, 2022

Delisted Confirmed and Suspected Contaminated Sites:

DELISTED SHWS

This database contains a list of Confirmed & Suspected Contaminated Sites that were removed from the Washington State Department of Ecology (DEC).

Government Publication Date: Feb 18, 2022

No Further Action Sites List:

CSCSL NFA

A list of sites previously on the Washington State Department of Ecology (DEC) Confirmed and Suspected Contaminated Sites List (CSCSL) that have received a No Further Action (NFA) determination.

Government Publication Date: Feb 18, 2022

Solid Waste Facility Database:

SWF/LF

List of permitted solid waste and landfill facilities made available by the Washington Department of Ecology (DEC).

Government Publication Date: Mar 11, 2022

Recycling Facilities:

RECYCLERS

The Washington State Department of Ecology maintains this database of recycling opportunities available in Washington State.

Government Publication Date: Sep 16, 2020

Solid Waste Tire Facilities:

WASTE TIRE

The Washington State Department of Ecology maintains this database of waste tire recycling opportunities available in Washington State.

Government Publication Date: Jun 9, 2020

Leaking Underground Storage Tank (LUST) List:

LUST

Leaking Underground Storage Tank (LUST) list made available by the Washington Department of Ecology (DEC) contains information about underground storage tank facilities that require cleanup and their cleanup history.

Government Publication Date: Feb 18, 2022

Petroleum Technical Assistance Program:

LUST PTAP

Under the State of Washington's cleanup law, qualifying petroleum contaminated sites can apply for the Pollution Liability Insurance Agency's (PLIA) Petroleum Technical Assistance Program (PTAP). Sites under the PTAP may be provided with informal advice and technical assistance on the requirements of the Model Toxics Control Act (MTCA), which is the state's cleanup law. PLIA also provides written opinions on independent remedial actions on qualifying petroleum cleanup sites: No Further Action (NFA), Further Action (FA), and Partial Sufficiency (PS).

Government Publication Date: Nov 12, 2021

UST Loan and Grant Program:

UST LOAN

List of sites that have applied to the Pollution Liability Insurance Agency's (PLIA) UST Loan and Grant Program. PLIA partners with the Washington State Department of Health (DOH) to provide loans or grants to owners or operators of underground storage tank (UST) facilities, who wish to: upgrade/replace infrastructure, clean up contamination, or close a UST. Within the program, PLIA provides oversight and technical assistance, while the DOH operates the lending/repayment process.

Government Publication Date: Nov 12, 2021

Heating Oil Technical Assistance Program:

LST HOT

Within the Pollution Liability Insurance Agency's (PLIA) various programs, the Heating Oil Technical Assistance Program (HOTAP) provides assistance to owners and operators of active and abandoned heating oil tanks if there is a suspected release or contamination. PLIA provides services including: written opinions, observations of testing, site assessments, and reviews of the results of reports and other appropriate activities. Information in some records has been redacted by the Pollution Liability Insurance Agency under Washington State Legislature RCW 70.149.080.

Government Publication Date: Nov 12, 2021

Underground Storage Tanks:

UST

List of Underground Storage Tanks (USTs) made available by Washington Department of Ecology (DEC). The DEC regulates tanks at facilities including gas stations, industries, commercial properties and governmental entities. The DEC works to ensure these tanks are installed, managed, and monitored in a manner that prevents releases into the environment.

Government Publication Date: Feb 18, 2022

Delisted Leaking Storage Tanks:

DELISTED LST

List of leaking storage tanks made available by the Washington Department of Ecology (DEC). A record would be removed if it violated the Facility Oil Handling Standards. This list contains all the records that been removed from the storage tank list.

Government Publication Date: Feb 18, 2022

Aboveground Storage Tanks:

AST

List of aboveground storage tanks (ASTs) made available by the Washington Department of Ecology (DEC). This list includes many of the largest petroleum containing ASTs in Washington state, but there are many ASTs in many different types of services (including, for example, hydrocarbon storage), that are not subject to regulation and are not registered by the DEC. There is no inclusive AST regulation in Washington state, and the Department of Ecology ceased maintenance of this list in December 2015.

Government Publication Date: Dec 14, 2015

Spills Program Regulated Facilities:

AST SPL PREV

List of Class 1, 2, 3, and 4 regulated facilities. The Washington Department of Ecology regulates the equipment and oil transfer, storage, and handling at facilities to ensure environmental and public health. Depending on their classification (Class 1 Large facilities such as refineries, refueling terminals, and pipelines; Class 2 and Class 3 facilities that transfer oil; and Class 4 Marinas and other facilities that transfer oil to non-recreation vessels with a fuel capacity of less than 10,500 gallons), these facilities are required to have some type of spill prevention plan.

Government Publication Date: Apr 14, 2022

Delisted Storage Tanks:

DELISTED TNK

List of aboveground storage tanks made available by the Washington Department of Ecology (DEC). A record would be removed if it violated the Facility Oil Handling Standards. This list contains all the records that been removed from the storage tank list.

Government Publication Date: Apr 14, 2022

Environmental Covenants Institutional Controls:

INST

List of sites that have institutional controls or environmental covenants (64.70 RCW Uniform Environmental Covenants Act) made available by the State of Washington Department of Ecology. Institutional controls are administrative or legal measures used to prevent activities that may compromise the integrity of a cleanup action. They are meant to prevent exposure to contamination remaining on site. Institutional controls may include environmental covenants (also known as 'deed restrictions'), zoning restrictions, public health advisories, or other administrative tools. The most common institutional control is an environmental covenant. Environmental covenants are legal recorded documents that typically limit certain uses of the property.

Government Publication Date: Feb 18, 2022

Voluntary Cleanup Program:

VCP

List of sites under the Voluntary Cleanup Program (VCP) made available by the Washington Department of Ecology (DEC). The VCP is an option for cleaning up hazardous waste sites under the state's cleanup law.

Government Publication Date: Feb 18, 2022

Brownfields Program:

BROWNFIELDS

List of Brownfields sites made available by the Washington Department of Ecology (DEC). Brownfield sites are abandoned or underused properties where potential liability due to environmental contamination and cleanup costs complicate re-development efforts.

Government Publication Date: Feb 18, 2022

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 10, which includes Washington.

Government Publication Date: Oct 12, 2021

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 10, which includes Washington.

Government Publication Date: Oct 12, 2021

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 12, 2021

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 13, 2021

County

Tacoma-Pierce County Closed Landfill Survey:

TP HIST LF

Following numerous requests for information about closed dumpsites and landfills in Pierce County the Tacoma-Pierce County Health Department began to develop an inventory of these sites. The objectives of the study were to establish an inventory, identify public health risks associated with closed dumpsites and landfills, and (where possible) determine the need for further site investigation.

Government Publication Date: Dec 31, 2010

Tacoma Pierce County Historic Gas Stations:

HIST GAS STATION

The historic gas stations in this database were mapped and inventoried by the Tacoma-Pierce County Health Department (TPCHD) Neighborhood Brownfields Development Program in 2003. This inventory was known as the Abandoned Commercial Tank Project (ACT) and was funded by the Washington State Department of Ecology. Data from historic inspection records, old business directories, library resources and engineering clearances were utilized to locate over 750 sites. State and local records were also researched to determine 347 of those sites did not have a record of cleanup or tank removal. According to the TPCHD, most of the 347 sites denote unknown threats to health and the environment but also opportunities for redevelopment.

Government Publication Date: Jan 1, 2003

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Jan 11, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills:

[ERNS PFAS](#)

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Nov 22, 2021

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Mar 30, 2022

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Jan 15, 2022

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2021

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 2, 2021

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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 Abandoned Mine Land (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.

Government Publication Date: Dec 18, 2020

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

Uranium Mill Tailings Radiation Control Act Sites:

URANIUM

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: May 16, 2022

Superfunds Consent Decrees:

CONSENT DECREES

A list of Superfund consent decrees made available by the Department of Justice, Environment & Natural Resources Division (ENRD).

Government Publication Date: Sep 30, 2018

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jan 20, 2022

State

Spills Incidents Sites:

SPILLS

List of spills and/or releases reported to the Washington Department of Ecology (DEC).

Government Publication Date: Mar 10, 2022

Reported Spills to Water:

SPILLS WATER

A list of reported spills to water of one gallon or more made available by the Washington Department of Ecology.

Government Publication Date: Apr 14, 2022

Facility/Site Identification System:

ALL SITES

The Facility/Site Identification System made available by the Department of Ecology (DEC) provides a central repository of key information for each facility/site of interest to DEC. The DEC has defined a facility/site as an operation at a fixed location that is of interest to the agency because it has an active or potential impact upon the environment.

Government Publication Date: Mar 7, 2022

Environmental Report Tracking System (ERTS):

ERTS

A list of incidents from the Environmental Report Tracking System (ERTS), used by various programs within the Washington Department of Ecology (DEC) to track incidents and activities. This list is made available by the Washington Department of Ecology (DEC).

Government Publication Date: Nov 22, 2021

Independent Cleanup Reports:

ICR

List of facilities in remedial action reports received by the Washington Department of Ecology (DEC) from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree. Independent Cleanup is historical terminology for Voluntary Cleanup; this data is no longer updated, current records can be found in Voluntary Cleanup.

Government Publication Date: Nov 6, 2015

Registered Drycleaners List:

DRYCLEANERS

A listing of registered drycleaner facilities maintained by the Department of Ecology.

Government Publication Date: Apr 11, 2022

Delisted Drycleaners:

DELISTED DRYCLEANERS

Sites which once appeared on the list of registered drycleaner facilities made available by the Department of Ecology.

Government Publication Date: Apr 11, 2022

Tier 2 Report:

TIER 2

List of facilities that report storage of hazardous chemicals or materials to the Department of Ecology's Hazardous Waste and Toxics Reduction Program under the Emergency Planning and Community Right to Know Act (EPCRA).

Government Publication Date: Dec 15, 2021

Clandestine Drug Lab Sites:

CDL

A list of Clandestine Drug Lab sites made available by the Washington Department of Health.

Government Publication Date: Sep 8, 2021

Clandestine Drug Lab Sites - Historical Listing:

HIST CDL

List of Clandestine Drug Lab sites reported to the Department of Health from local health departments. This list contains sites that are not in the current list.

Government Publication Date: until 2007

Air Permitted Facilities:

AIR PERMITS

This list of air emissions inventory is a point source summary of individual inventories from facilities with air operating permits. This list is maintained by the Washington Department of Ecology.

Government Publication Date: Jun 10, 2019

Underground Injection Control Wells:

UIC

The Water Quality Program of the Washington State Department of Ecology (DEC) maintains this water quality permit database that includes Underground Injection Control (UIC) wells. According to the DEC, UIC wells are manmade structures used to discharge fluids into the subsurface. Examples are drywells, infiltration trenches with perforated pipe, and any structure deeper than the widest surface dimension. The majority of UIC wells in Washington are used to manage storm water and sanitary waste, return water to the ground, and help clean up contaminated sites. The potential for groundwater contamination from injection wells depends upon well construction and location; quality of the fluids injected; and the geographic and hydrologic settings in which the injection occurs.

Government Publication Date: Oct 15, 2020

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

**APPENDIX E
CREDENTIALS**

Matt Wheaton, L.G., P.E.

Environmental Department Manager

PROFESSIONAL EXPERIENCE

Mr. Wheaton is Terracon's Seattle (Mountlake Terrace) office Environmental Department Manager. His duties include the management of all phases of environmental site assessments (ESAs), business environmental risk reviews, site characterizations, and National Environmental Policy Act (NEPA) compliance assessments for wireless telecommunications providers. He also performs technical review of all environmental service projects in the Seattle office. Over the course of his 20 years of professional environmental and geotechnical engineering experience, Mr. Wheaton has performed site characterizations of soil, groundwater, and soil gas for regulatory compliance, and for remediation design projects throughout North America.

PROJECT EXPERIENCE

Environmental Site Assessments (ESAs)

Mr. Wheaton has managed and performed hundreds of ESAs nationwide for industrial, commercial, residential, and agricultural properties. He manages long-term national accounts for financial institutions (equity and loan portfolios), real estate investment trusts, developers, and other real property owners. Mr. Wheaton fully understands facility operating systems; state and federal regulations; and fate and transport of chemicals through air, soil, vapor, surface water, and groundwater. He has extensive experience and expertise in the performance of ESAs under the All Appropriate Inquiry rules (ASTM E1527), and meets the requirements of an Environmental Professional as defined by this rule.

Limited Subsurface Investigations (LSIs)

Mr. Wheaton has managed and performed hundreds of LSIs throughout Washington, Oregon, Idaho, Alaska, Nevada and California. He has investigated environmental conditions in soils and groundwater because of releases from a variety of sources, including service stations, dry cleaners, and a wide range of industrial and manufacturing operations.

Remedial Investigation/Remedial Action

Mr. Wheaton has managed numerous Remedial Investigation (RI) and Remedial Action (RA) projects in Washington State, either through an Independent Remedial Action or in coordination with the Washington State Department of Ecology's Voluntary Cleanup Program (VCP) and the Pollution Liability Insurance Agency's (PLIA) Petroleum Technical Assistance Program (PTAP). He has significant expertise in the collection and interpretation of data to pursue closure through the Washington and Oregon State VCP and PTAP programs. Mr. Wheaton has provided oversight on RA projects utilizing multiple cleanup remedies, including in-situ chemical oxidation, the installation of granular activated carbon, zero-valent iron injections, and large-scale dig-and-haul methods on a variety of industrial and commercial properties.

EDUCATION

Master of Science, Civil and Environmental Engineering, 2006, University of Maryland

Bachelor of Science, Geology, 1996, Colorado State University

REGISTRATIONS

Licensed Geologist: Washington, 2010, No. 2872

Registered Geologist: Oregon, 2011, No. G2323

Licensed Professional Engineer: Washington, 2017, No. 55647

Washington State Department of Ecology Registered Site Assessor, May 2008

State of Nevada, Certified Environmental Manager, CEM No. 1985

CERTIFICATIONS

OSHA 40-Hour Hazardous Waste Site Operations

EPA approved AHERA Building Inspector (License # 00-0076)

WORK HISTORY

Terracon Consultants, Inc., Seattle, Washington, Environmental Dept. Manager, 2012 – Present;
Sr. Project Manager, 1997 – 2012

Taylor Blackburn

PROJECT MANAGER

PROFESSIONAL EXPERIENCE

Ms. Blackburn is an environmental scientist, based in Terracon's Seattle (Mountlake Terrace), Washington office. She has experience completing environmental assessments, for telecommunications, commercial, industrial, retail, residential, and undeveloped properties.

In addition, Ms. Blackburn has experience preparing NEPA reports for federal undertakings.

Environmental Site Assessments (ESAs)

Ms. Blackburn has performed and managed numerous Phase I environmental site assessments of various commercial, retail, agricultural, residential and undeveloped properties in Washington, Oregon and Idaho. She is familiar with ASTM 1527 requirements and has evaluated issues such as asbestos, lead, PCBs, radon, mold, threatened and endangered species, and wetlands issues in conjunction with Phase I assessments. She has researched site history, performed file research, and performed sample collection and data analysis for a variety of clients. Projects have included industrial facilities, commercial properties, large agricultural parcels, residential developments, automotive facilities and gas stations.

Various Telecommunication Sites

Ms. Blackburn has managed and assisted with projects for telecommunication carriers in Washington, Oregon, Idaho and Alaska. Project activities included performing Tribal consultation, Federal and State Fish and Wildlife Consultation (including endangered and threatened species research), performing Phase I ESAs, NEPA and Section 106 Reviews, and writing final reports.

Organizational Development

Ms. Blackburn has assisted with projects for clients in need of leadership organization, change management, team development and safety culture. She has experience in organization of visual materials and coordination of multiple parties for collaboration. Projects have included the Indian Health Service Sustainability Program, in which she developed a bi-annual Sustainability Progress Report. She has also worked on projects for Sound Transit Safety, Skookum Safety Culture, and U.S. Border Patrol.

EDUCATION

Bachelor of Arts, Environmental Studies, 2014, Gonzaga University

WORK HISTORY

Terracon Consultants, Inc.,
Seattle, Washington, Project Manager, 2015 – Present

CERTIFICATIONS

Environmental Protection Agency (EPA) approved AHERA Building Inspector, No. 167220

Washington State Department of Ecology Registered Site Assessor, No. 8942170

Hazardous Waste Operations and Emergency Response (HAZWOPER 40 Hour), 2020

Sally Vlas

FIELD SCIENTIST

PROFESSIONAL EXPERIENCE

Ms. Vlas is a Field Scientist based in Terracon's Seattle (Mountlake Terrace), Washington office. She has experience completing Phase I Environmental Site Assessments for telecommunications, commercial, industrial, retail, residential, and undeveloped properties.

Environmental Site Assessments (ESAs)

Ms. Vlas has prepared numerous Phase I ESAs for various properties in Washington, Oregon and Idaho. She is familiar with ASTM 1527 requirements and has evaluated issues such as asbestos, lead, PCBs, radon, mold, threatened and endangered species, and wetlands issues in conjunction with Phase I ESAs. She has researched historical site records, performed file research, and conducted sample collection and data analysis for a variety of clients. Projects have included industrial facilities, commercial properties, large agricultural parcels, residential developments, automotive facilities and gasoline stations.

Limited Site Investigations (LSIs)

Ms. Vlas has been involved in numerous LSIs throughout Washington State for various properties impacted by former gasoline stations, automotive service centers and dry cleaners. Ms. Vlas has collected soil and groundwater samples and compiled laboratory results.

EDUCATION

Bachelor of Science, Geography – Environment and Resources, 2018, Central Washington University

Master of Science, Environmental Science, Anticipated Graduation Date 2024, University of Idaho

WORK HISTORY

Terracon Consultants, Inc.,
Seattle, Washington, Field Scientist, 2020 – Present

Forecast Solar, Everett, Washington, Business Development Manager, 2019 - 2020

CERTIFICATIONS

Hazardous Waste Operations and Emergency Response (HAZWOPER 40 Hour), 2020

HAZWOPER Refresher, 2021

Environmental Protection Agency (EPA) approved AHERA Building Inspector, No. 1085

APPENDIX F
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations

Description of Selected General Terms and Acronyms

Phase I ESA PART 1 OF 1

Term/Acronym	Description
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.”
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a “solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.”

Description of Selected General Terms and Acronyms

Term/Acronym	Description
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.

Description of Selected General Terms and Acronyms

Term/Acronym	Description
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave'). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/TS Ds	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TS Ds	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. De minimis conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.

Description of Selected General Terms and Acronyms

Phase I ESA PART 1 OF 1

Term/Acronym	Description
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>