

# ALKAI

**CONSULTANTS, LLC.**

- **Environmental Engineering**
- **Geotechnical Engineering**
- **Wetland Consulting**

Phase I, Environmental  
Report for: Tracey &  
Leonard Larson  
5066 SE Hovgaard Rd  
Olalla, Washington 98359

For:

Gig Harbor  
Transmission  
14610 PURDY DR  
NW, GIG HARBOR  
WASHINGTON  
PIERCE COUNTY  
PARCEL #  
0122133089

9465 Provost Road NW Suite 202

Silverdale, Washington 98383

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## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

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**GIG HARBOR TRANSMISSION  
14610 PURDY DRIVE NW  
GIG HARBOR , WASHINGTON 98332**

**Prepared for:**

**TRACY & LEONARD LARSON  
5066 S.E. HOVGAARD ROAD  
OLALLA, WASHINGTON 98359**

**Prepared by:**

**ALKAI CONSULTANTS, LLC.  
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**Project No. 10250  
January 22, 2010**

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Project No. 10250

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## PHASE I ENVIRONMENTAL SITE ASSESSMENT

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**GIG HARBOR TRANSMISSION  
14610 PURDY DRIVE NW  
GIG HARBOR, WASHINGTON 98332**

### 1.0 EXECUTIVE SUMMARY

ALKAI Consultants, LLC. (ALKAI) has conducted a Phase I Environmental Site Assessment (ESA) for the subject site. This site, as shown on the following Photo, is located on the southwest corner of the intersection of 14610 Purdy Drive NW, in Gig Harbor, Pierce County, Washington 98332. This site consists of one parcel.

ALKAI conducted this Phase I ESA of the subject site in general conformance with the American Society for Testing and Materials (ASTM) E1527-05 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This Phase I ESA constitutes appropriate inquiry designed to identify Recognized Environmental Conditions (RECs) in connection with the previous ownership and uses of the subject site as defined by ASTM E1527-05.

ASTM E1527-05 Section 1.1.1 *Recognized Environmental Conditions* – The term *recognized environmental conditions (REC)* means the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, groundwater, or surface water on the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

Extensive investigations into numerous environmental data bases were made to gather available information related to this subject site. An Environmental Data Report was requested from the leading reporting firm of Environmental Data Resources, Inc.(EDR) of Milford, Connecticut. ALKAI's findings were based on the evaluation of the following data sources: 1) the voluminous EDR report, titled "The EDR Radius Map Report with GeoCheck" (See APPENDIX A) containing available databases from all Environmental Regulatory Agencies, related to the vicinity of the subject site of the "Gig Harbor

Transmission" facility; 2) the "EDR Aerial Photo Decade Package" (See APPENDIX B); 3) research of publicly available databases of Pierce County (See APPENDIX C); on-line documentation from the Washington State Department of Ecology (DoE) (See APPENDIX D); and 5) the most important source, "Owner Supplied Data" which was gathered and provided to ALKAI, by Mrs. Tracey Larson (See APPENDIX E).

Below please find Figure I. the Site Vicinity Map, a satellite view of the subject Gig Harbor Transmission site, located on the west side of Purdy Drive NW (also known as State Route 16 Bus and Highway 302), just north of 144<sup>th</sup> Street NW, in Gig Harbor, Washington.



The subject site is a rectangular shape property containing two buildings (one has a dark brown roof surface and the other adjacent structure has a light blue roof surface), located as shown in the above photo, to the west of the number "14610", and surrounded by a large number of parked vehicles.

ALKAI has reviewed the on-line Washington State "Confirmed and Suspected Contaminated Sites List" entry for this Gig Harbor Transmission site, as shown the following ("Table A").

"Table A"

WASHINGTON STATE Department of Ecology Confirmed and Suspected Contaminated Sites List																											
COUNTY - PIERCE (1 sites)																											
<b>Site Name:</b> GIG HARBOR TRANSMISSION <b>FS ID:</b> 11873 <b>Address:</b> 14510 FURDY DR NW GIG HARBOR, WA 98332 (View Map) Tel: 47.89369 / Lon: -122.82502					<b>Rank:</b> PSI <input checked="" type="checkbox"/> VCP <input type="checkbox"/> Brownfield <input type="checkbox"/>		<b>Entered Date:</b> December 9, 2009 <b>Last Update:</b> December 9, 2009 <b>Resp. Unit:</b> Southwest <b>Ecology Status:</b> Awaiting EPA		<b>Contaminant:</b> 3 7 11 9 8 5 6 10 4																		
<table border="1"> <thead> <tr> <th>ACTIVITY</th> <th>STATUS</th> <th>START</th> <th>END</th> <th>LEGAL</th> <th>Media</th> </tr> </thead> <tbody> <tr> <td>Final Remediation</td> <td>C</td> <td>12/9/2009</td> <td>12/9/2009</td> <td></td> <td>Groundwater-B</td> </tr> <tr> <td>Early Remediation</td> <td>C</td> <td>12/9/2009</td> <td>12/9/2009</td> <td></td> <td>Soil-C</td> </tr> </tbody> </table>										ACTIVITY	STATUS	START	END	LEGAL	Media	Final Remediation	C	12/9/2009	12/9/2009		Groundwater-B	Early Remediation	C	12/9/2009	12/9/2009		Soil-C
ACTIVITY	STATUS	START	END	LEGAL	Media																						
Final Remediation	C	12/9/2009	12/9/2009		Groundwater-B																						
Early Remediation	C	12/9/2009	12/9/2009		Soil-C																						
<b>Report Statistics</b> <table border="1"> <tbody> <tr> <td>Number of Counties</td> <td>1</td> <td>Number of Brownfield Sites</td> <td>0</td> </tr> <tr> <td>Total Number of Resp. Units</td> <td>1</td> <td>Number of VCP Sites</td> <td>0</td> </tr> <tr> <td>Number of Regions</td> <td>1</td> <td>Number of Puget Sound Initiative Sites</td> <td>1</td> </tr> <tr> <td>Total Number of Sites</td> <td>1</td> <td>Number of Ranked Sites</td> <td>0</td> </tr> </tbody> </table>										Number of Counties	1	Number of Brownfield Sites	0	Total Number of Resp. Units	1	Number of VCP Sites	0	Number of Regions	1	Number of Puget Sound Initiative Sites	1	Total Number of Sites	1	Number of Ranked Sites	0		
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Total Number of Sites	1	Number of Ranked Sites	0																								

The above "Table A", being the DoE "Confirmed and Suspected Contaminated Sites List" entry for the Gig Harbor Transmission site, sets forth that the major "Media Contaminates" are Numbers 3, 7 and 11. Specific identification of these Contamination Numbers, are shown in the DoE provided "Legend", set forth in "Table B" on the following page.

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Media Contaminate Number 3 is EPA Priority Pollutants - Metals and Cyanide: Metals included in EPA's priority pollutant compounds list.

Media Contaminate Number 7 is Petroleum Products: Crude oil and any fraction thereof. Each of these materials may consist of many specific chemical compounds, and

Media Contaminate Number 11 is Aromatic Hydrocarbons (PAH): Hydrocarbons composed of two or more benzene rings.

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The Washington State Department of Ecology has determined that the three above Contaminates are "Confirmed" to be contained in the Soil and "Suspected" to be contained in the Groundwater.

“Table B”

LEGEND

ACTIVITY KEY

P - Planned, I - In Process, C - Completed, X - Canceled  
S - Suspected, C - Confirmed, R - Remediated, B - Below MTCA Cleanup Levels After Assessment

- 1 - Base/Neutral/Acid Organics: Hazardous substances typically included in the EPA's priority pollutant compound list.
- 2 - Halogenated Organic Compounds: Organic compounds, typically solvents, with one or more of the halogens incorporated into their structure.
- 3 - EPA Priority Pollutants - Metals and Cyanide: Metals included in EPA's priority pollutant compounds list.
- 4 - Metals - Other: Other non-priority pollutant metals.
- 5 - Polychlorinated biPhenyls (PCBs): A specific "family" of aromatic chlorinated organic compounds, often referred to as "AROCOR".
- 6 - Pesticides: Chemical agents used to control pests such as: fungicides, herbicides and insecticides.
- 7 - Petroleum Products: Crude oil and any fraction thereof. Each of these materials may consist of many specific chemical compounds.
- 8 - Phenolic Compounds: Hazardous substances typically included in the acid extractable fraction of EPA's priority pollutant compound list.
- 9 - Non-Halogenated Solvents: Organic solvents, typically volatile or semi-volatile, not containing any halogens.
- 10 - Dioxin: A family of more than 70 compounds of chlorinated dioxins.
- 11 - Polynuclear Aromatic Hydrocarbons (PAH): Hydrocarbons composed of two or more benzene rings.
- 12 - Reactive Wastes: Wastes that react violently upon contact with other substances (especially air or water) as defined by the Dangerous Waste Regulation (WAC 173-303-090(7)).
- 13 - Corrosive Wastes: Wastes that are highly corrosive as defined by the Dangerous Waste Regulation (WAC 173-303-090(6)).
- 14 - Radioactive Wastes: Wastes that emit more than background levels of radiation.
- 15 - Conventional Contaminants, Organic: Unspecified organic matter that imposes an oxygen demand during its decomposition.
- 16 - Conventional Contaminants, Inorganic: Non-metallic inorganic substances or indicator parameters that may indicate the existence of contamination if present at unusual levels.
- 17 - Asbestos: All forms of Asbestos. Asbestos fibers have been used in products such as building materials, friction products and heat-resistant materials.
- 18 - Arsenic: A toxic heavy metal that may be absorbed via ingestion, inhalation, or by permeating skin or mucous membranes.
- 19 - Methyl tertiary-butyl ether (MTBE): MTBE is a volatile oxygen-containing organic compound that was formerly used as a gasoline additive to promote complete combustion and help reduce air pollution. MTBE is now being detected in groundwater throughout the United States. Its use in fuel has been banned because it persists in the environment, moves rapidly through soil and groundwater, and is a possible carcinogen.
- 20 - UnExploded Ordnance (UXO): Weapons that failed to detonate or discarded shells containing volatile material.
- 21 - Tributyltin (TBT): The main active ingredients in biocides used to control a broad spectrum of organisms. Found in antifouling marine paint, antifungal action in textiles and industrial water systems.
- 22 - Bioassay Benthic Failures: A disparity between natural and contaminated sites having to do with animal population, diversity and their health.
- 23 - Wood Debris: Trash wood that has accumulated in an area.
- 24 - Other Deleterious Substances: Other contaminants that cause subtle or unexpected harm.

OTHER NOTES

(View Map) may be clicked to view a Facility Site Overhead view of the Sites location.

Toxic Cleanup  
Program

Integrated Site Information System

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ALKAI's conclusions, based on the evaluations of the findings of this Phase I ESA report, revealed evidence of; Recognized Environmental Conditions (RECs) in connection with the subject site. Whereas there have been attempts to clean-up the site by removal of the UST's in 1989, and resent contaminated soil removal and disposal, there have not been the required "adequate technical investigations and documentation of conditions of the soil and groundwater" at this site, which would meet the clean-up requirements of the Washington State Department of Ecology (DoE) for a determination of a "No Further Action" letter. ALKAI feels that "Third-Party" assessments of those RECs (identified by the DoE) appear to be warranted, and recommendations for such actions which are set forth in the "Conclusions" section of this ESA Report.

## 2.0 PURPOSE AND SCOPE

### 2.1 Purpose

This Phase I ESA is designed to identify obvious Recognized Environmental Conditions (RECs) in connection with the previous and current uses and ownership of the subject site. ALKAI performed this assessment in general conformance with American Society for Testing and Materials (ASTM) E1527-05 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Additionally, the purpose of the Phase I ESA is to permit the user to satisfy one of the requirements to qualify for what is commonly known as the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability as described by 42 U.S.C. Section 9601 (35)(B).

### 2.2 Scope of Work

A Phase I ESA includes the following scope of work: a) a review of Pierce County regulatory agency records; b) a review of local, State, and Federal Regulatory Agency lists, as compiled by the firm of Environmental Data Resources, Inc. (EDR); c) a review of local historical maps and aerial photographs; d) a site reconnaissance of existing on-site conditions and observations of adjacent property uses; and e) an on-site inspection and interviews with persons knowledgeable of the previous and current ownership and uses of the subject site. The scope of work for this Phase I ESA conforms to those ASTM E1527-05 requirements. ALKAI was provided authorization to conduct this Phase I ESA by the owners, Mr. and Mrs. Larson, in accepting ALKAI's Contract Proposal No. 10250, dated December 17, 2009.

## 3.0 GENERAL SITE AND VICINITY DESCRIPTION

General property information and property use are summarized in "Table 3". Refer to the Site Vicinity Map (Figure 1). The subject property consists of one parcel. The Legal Description of the property is shown in the Pierce County Assessor Office documents found in Appendix C.

**TABLE 3**  
**Summary of Property Information**

Site Location:	Gig Harbor, Washington
Map data	Latitude (North) 47.391300 Longitude (West) 122.626100
General Location:	On West side of Highway 16 NW in Gig Harbor, WA
Assessor's Parcel Number:	# 0122133089
Permeability:	Medium, because of bare soil and asphalt covering of surface.
Existing Use:	Gig Harbor Transmission facility.
Approximate Depth to Groundwater:	Estimated to be SHALLOW.
Regional Groundwater Flow Direction:	Westerly (inferred).
Current Property Owner	Mr. and Mrs. Larson



### 3.1 Topographic and Geologic Map Interpretation

The site topography is relatively flat, at an elevation of about 50 feet above sea level. The land surfaces to the North, and East of the site appear to be gently sloping downward toward the site. To the South and West, the land surface is relatively flat, but mostly appears to be sloping away from the site.

The subject site lies within the central Puget Lowland. The lowland is part of a regional north-south trending trough that extends from southwestern British Columbia to near Eugene, Oregon. The area of this lowland North of Olympia, Washington, is glacially carved with a depositional and erosional history including at least four separate glacial advance/retreats. The Puget Lowland is bounded on the west by the Olympic Mountains and on the east by the Cascade Range. The lowland is filled with glacial and nonglacial sediments consisting of interbedded gravel, sand, silt, till, and peat lenses.

The United States Department of Agriculture (USDA) Soil Survey of Pierce County, Washington, indicates that near surface soils of the site are mapped as gravelly sandy loam, usually developed on glacial till. Glacial till typically consists of an unsorted, unstratified, highly compacted mixture of clay, silt, sand, gravel and boulders deposited by glacial ice that may contain interbedded stratified sand, silt, and gravel, and typically has a low permeability.

## **4.0 HISTORICAL BACKGROUND REVIEW**

The historical review included review and assessment of property history, and reviewing local, State, and Federal Regulatory Agency records.

### 4.1.1 Aerial Photograph Interpretation

Five historical aerial photographs, dated, 1968, 1971, 1981, 1999, and 2006 were reviewed to assess property development and land use within the vicinity of the subject site. These were compared to the Present View as shown by Google Earth.

Very little change in development can be seen on the first four aerial photos, due to poor quality of the photos. The only obvious change noted is the remodel of the School site at the intersection of 144<sup>th</sup> Street NW and Purdy Drive NW.

These photos are contained in "APPENDIX B".

### 4.1.2 Site History

This site has historically been the site of a Gasoline Station.

#### 4.1.3 Pierce County Assessor's Office Records

A review of available Pierce County Assessor's Office records was used to assess the history of the subject site. Copies of all of these "Property Records" documents found are contained within "APPENDIX C".

Numerous adjacent "Property Records" were obtained from the Pierce County Internet site for possible impact review, and are also included in "Appendix C".

The subject property now consists of one parcel, Assessor's Office No. 0122133089.

#### 4.2 Regulatory Agency Interface

The following are reviews of local regulatory agency records was conducted to help determine if hazardous materials have been handled, stored, or generated on the subject site and/or the adjacent properties and businesses.

##### 4.2.1 Tacoma-Pierce County Health Department (TPCHD)

Based on a request from the Washington State Department of Ecology (DoE), the TPCHD conducted an environmental inspection of the subject site (Gig Harbor Transmission) in January of 2009. A copy of that investigation is contained in Appendix E (Owner Supplied Data), together with the results of a Owner contaminated soil "Clean-up" effort. Laboratory analytical data results showed: A) soil contamination by petroleum at greater than 14 times the DoE Clean-up level; B) Cadmium and Lead metal concentrations at more than twice the DoE Clean-up level; and C) Carcinogenic PAH's levels in the soil at almost twice the DoE Clean-up levels.

These documents are contained in Owner Supplied data in APPENDIX E.

##### 4.2.1 Washington State Department of Ecology

The Washington State Department of Ecology database was searched regarding records for the subject site.

Following are the listings of Leaking Underground Storage Tank (LUST) sites in the vicinity of the subject site. The subject site is not listed in this category.

It is however, listed in the DoE "Confirmed and Suspected Contaminated Sites List" sites. Please see "Table A" of this Report.

Following is a DoE letter dated December 9, 2009 setting forth the reason for the DoE placing the site on the DoE "Confirmed and Suspected Contaminated Sites List".



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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

December 9, 2009

Mr. Leonard & Mrs. Tracy Larson  
Gig Harbor Transmission  
14610 Purdy Dr NW  
Gig Harbor WA 98332-8708

Dear Mr. & Mrs. Larson:

RE: Early Notice Letter Regarding the Release of Hazardous Substances at Gig Harbor Transmission (site name), located at 14610 Purdy Drive NW, Gig Harbor, Washington 98332. Facility Site Identification Number: 11876

Under Chapter 70.105 Revised Code of Washington (RCW) the Department of Ecology (Ecology) is required to conduct an Initial Investigation, of properties where we have received a report that there has been a release or threatened release of hazardous substance that could pose a threat to human health or the environment.

Ecology maintains a list of sites where an initial investigation has found that further testing and possible cleanup is needed. We call this our "database of Confirmed or Suspected Contaminated Sites". As a result of the initial investigation conducted by the Tacoma Pierce County Health Department, this property has been added to the database as a State Cleanup Site. The Facility Site Identification number assigned to this site is 11876. Please note that inclusion in this database does not mean Ecology has determined you liable for cleanup of the site, as that is a separate determination under the law.

This site has been added to our database because soil contaminated with cPAHs and heavy metals has been confirmed on this property. Groundwater contamination is suspected. Our report indicates that and evidence of oil and grease contamination to unpaved surfaces was confirmed on site. Dark staining and odors were noted along the edges of the hydraulic lift, along the trench between the buildings, and in a section of impacted soil west of the main office. Also noted, a drain located on the northwest corner of the cement pad housing the hydraulic lift was filled with heavily impacted silts and soils. A number of phone calls were made attempting to get information regarding cleanup activities to no avail. The purpose of the initial investigation is to confirm or deny the possibility of contamination on site.

In the future, Ecology may conduct a more detailed inspection of this property including testing for possible contamination. This inspection is called a "Site Hazard Assessment". At that time, Ecology will assess whether action will be needed and if necessary establish a priority for the work.



DoE issued th

Gig Harbor Transmission  
December 9, 2009  
Page 2 of 2

Ecology's policy is to work cooperatively with individuals to accomplish prompt and effective cleanups. Your cooperation with Ecology in planning or conducting a remedial action is not an admission of guilt or liability. Please be aware of state laws that must be adhered to if you decide to proceed with cleanup work on your own. The primary law is Chapter 70.105D RCW and the implementing regulations, the Model Toxics Control Act Cleanup Regulation (MTCA or Chapter 173-340 WAC). These laws can be found at Ecology's Toxics Cleanup Program website, <http://www.ecy.wa.gov/toxicscleanup/policy>.

If you would like a printed copy of the MTCA regulations or if you have questions call me at (360) 407-6240. These rules and how they impact each site can be confusing and complicated. There are Environmental Consultants that can be employed to assist property owners with the cleanup and site assessment process.

Ecology's Voluntary Cleanup Program is designed to provide technical assistance, for a fee, to cleanup sites that qualify. If you would like additional information regarding this program you can find information on our website at <http://www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm> or you can contact Scott Rose at 360-407-6347.

Sincerely,



Kim Cross  
Toxics Cleanup Program  
Southwest Regional Office

ksc:ENL 120909 Gig Harbor Transmission

by certified mail: (7009 1410 0002 4420 0419)

cc: K. Wecker, Tacoma Pierce County Health Department  
Cris Matthews, Department of Ecology

#### 4.2.3 Potable Water, Sewerage Services

ALKAI's interview efforts have indicated that a nearby private domestic water well provides neighborhood (multiple services) service in this local area. Individual tax lots each have septic tanks for sewerage treatment.

#### 4.3 Environmental Data Resources, Inc. Regulatory Agency Lists Review

Several firms publish data documents that list businesses or properties that have handled hazardous materials and may have experienced site contamination. An environmental assessment report, compiled by Environmental Data Resources, Inc. (EDR), was requested and purchased by ALKAI on December 30<sup>th</sup>, 2009, and represent reasonably ascertainable current listings. ALKAI did not verify all the locations and distances of every property listed by EDR. ALKAI verified location and distances of the properties ALKAI deemed as having the most potential to adversely impact the subject site. The actual location of the listed properties may differ from the EDR listings, and it was also found that a small number of listed location addresses were incorrect. Table II, titled "Listed Properties", summarizes all the EDR listed properties located within the standard distance of the one-mile ASTM Search Radius. The actual distances of the listed properties are based on observations during ALKAI's site reconnaissance. The complete EDR report is included in Appendix A.

Following are listed the contaminate sites, with emphasis on the sites located nearby.

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plott</u>
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
<b><i>State- and tribal - equivalent NPL</i></b>								
HSL		1.000	0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
CSCSL		1.000	0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	0	1	0	NR	NR	1
INDIAN LUST		0.500	0	0	0	NR	NR	0

*State and tribal registered storage tank lists*

UST	0.250	0	3	NR	NR	NR	3
AST	0.250	0	0	NR	NR	NR	0
INDIAN UST	0.250	0	0	NR	NR	NR	0
FEMA UST	0.250	0	0	NR	NR	NR	0

*State and tribal institutional control / engineering control registries*

INST CONTROL	0.500	0	0	0	NR	NR	0
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*State and tribal voluntary cleanup sites*

VCP	0.500	0	0	1	NR	NR	1
INDIAN VCP	0.500	0	0	0	NR	NR	0
ICR	0.500	0	1	1	NR	NR	2

*State and tribal Brownfields sites*

BROWNFIELDS	0.500	0	0	0	NR	NR	0
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**ADDITIONAL ENVIRONMENTAL RECORDS**

*Local Brownfield lists*

US BROWNFIELDS	0.500	0	0	0	NR	NR	0
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*Local Lists of Hazardous waste / Contaminated Sites*

US CDL	TP	NR	NR	NR	NR	NR	0
ALLSITES	0.500	1	5	1	NR	NR	7
CSCSL NFA	0.500	0	0	1	NR	NR	1
CDL	TP	NR	NR	NR	NR	NR	0
HIST CDL	TP	NR	NR	NR	NR	NR	0
US HIST CDL	TP	NR	NR	NR	NR	NR	0

*Local Land Records*

LIENS 2	TP	NR	NR	NR	NR	NR	0
LUCIS	0.500	0	0	0	NR	NR	0

*Records of Emergency Release Reports*

HMIRS	TP	NR	NR	NR	NR	NR	0
SPILLS	TP	NR	NR	NR	NR	NR	0

*Other Ascertainable Records*

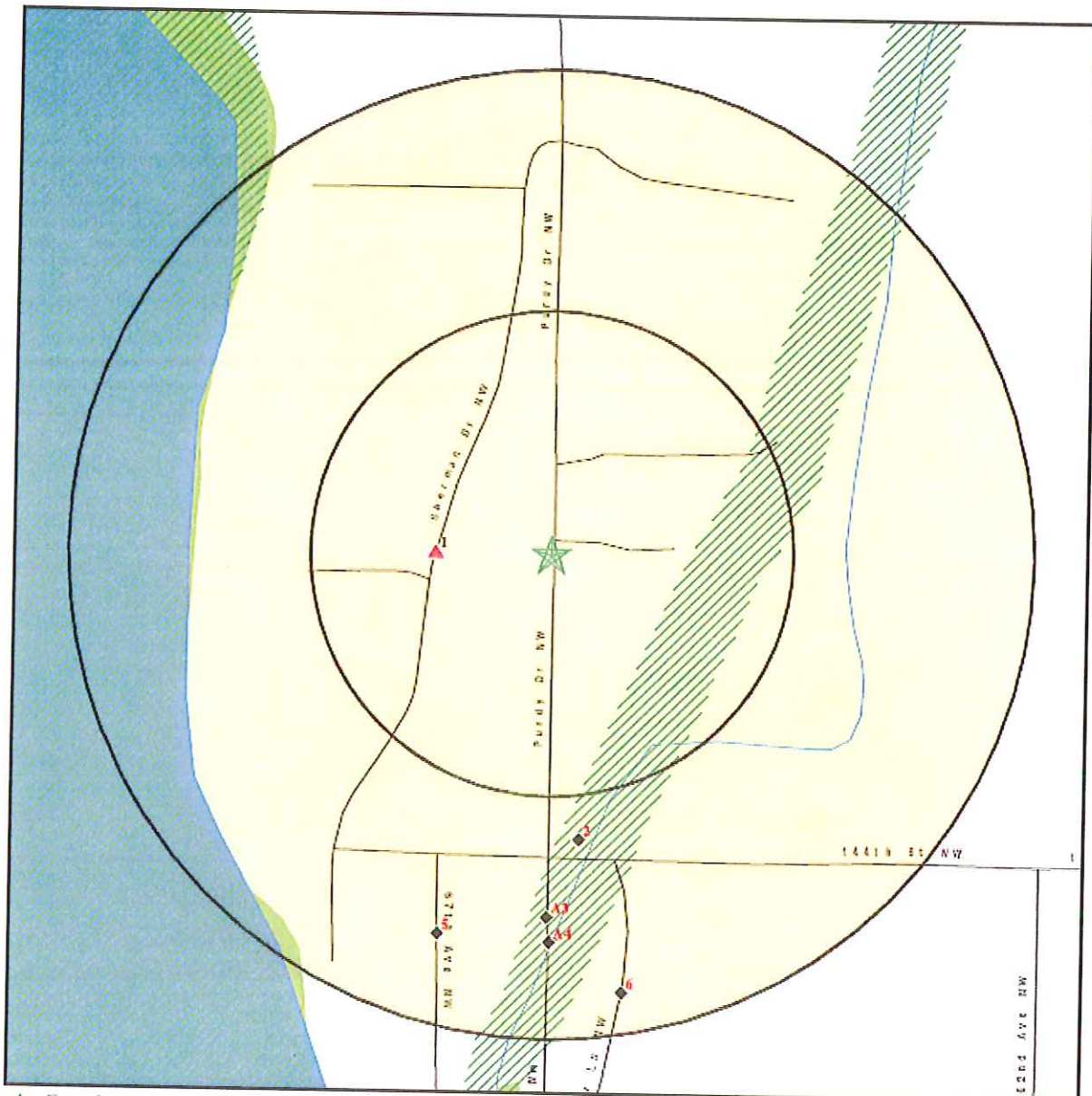
RCRA-NonGen	0.250	0	0	NR	NR	NR	0
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**MAP FINDINGS SUMMARY**

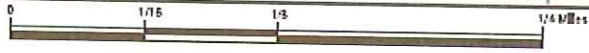
Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
HSL		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
CSCSL		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	1	0	NR	NR	1
INDIAN LUST		0.500	0	0	0	NR	NR	0

It may be seen from the data table above that the Gig Harbor Transmission site was listed on eleven (11) categories of contaminated facilities. Those listings are shown on the EDR Maps on the following pages.





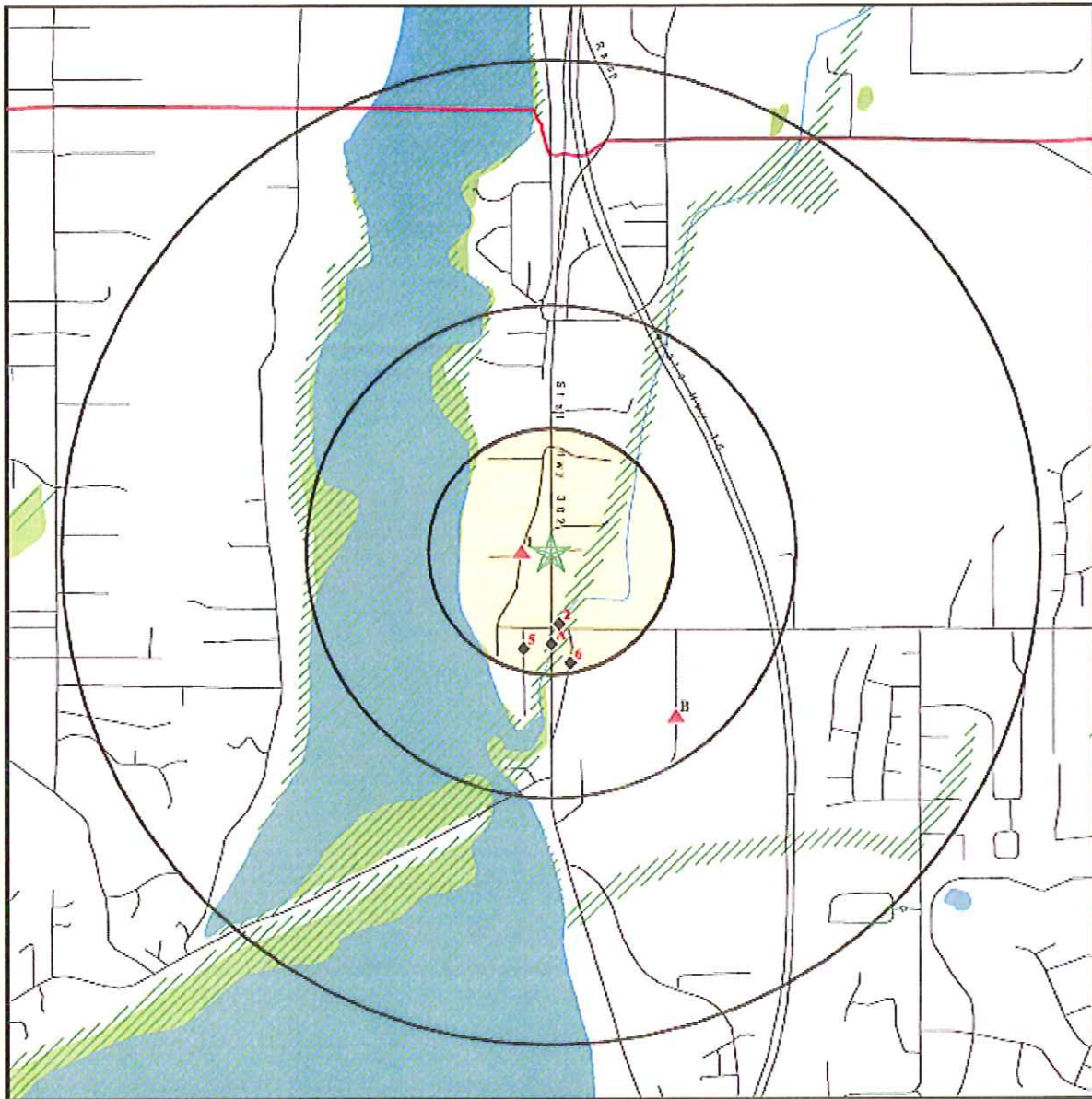
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites
- ☒ Indian Reservations EIA
- ▲ Oil & Gas Pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ National Wetland Inventory



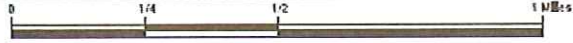
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only these icons for the default map view.

SITE NAME: Glg Harbor Transmission ADDRESS: 14610 Purdy Dr NW Glg Harbor WA 98332 LAT/LONG: 47.3913 / 122.6261	CLIENT: Alkal Consulting, LLC CONTACT: George Webster INQUIRY #: 2668220,2s DATE: December 30, 2009 1:24 pm
---	--

Circles are at 1/8 and 1/4 of a Mile distance from center.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations EIA
- County Boundary
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ National Wetland Inventory



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

SITE NAME: Glg Harbor Transmission ADDRESS: 14610 Purdy Dr NW Glg Harbor WA 98332 LAT/LONG: 47.3913 / 122.6261	CLIENT: Alkal Consulting, LLC CONTACT: George Webster INQUIRY #: 2658220.2s DATE: December 30, 2009 1:24 pm
---	--

Circles are at 1/4, 1/2, and One Mile distances from the center.

Following are descriptions of some of the EDR identified site locations that are nearby the subject site

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
<b>MAP FINDINGS</b>							
1	West	< 1/8	0.060 mi. 319 ft.	<b>AUTO WAUNE</b> 14613 SHERMAN DR NW GIG HARBOR, WA 98332	FINDS ALLSITES	1011971674	N/A
	Relative: Higher			<b>FINDS:</b> Registry ID: 110037906095			
	Actual: 59 ft.			Environmental Interest/Information System Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.			
				<b>ALLSITES:</b> Facility Id: 3315385 Latitude: 47.391345000000000 Longitude: -122.627360000000000 Geographic location identifier (alias facid): 3315385 Facility Name: AUTO WAUNE Latitude Decimal Degrees: 47.391345000000000 Longitude Decimal Degrees: -122.627360000000000 Coordinate Point Areal Extent Code: 99 Horizontal Accuracy Code: 99 Coordinate Point Geographic Position Code: 8 Location Verified Code: N			
				Geographic location identifier (alias facid): 3315385 Facility Name: AUTO WAUNE Latitude Decimal Degrees: 47.391345000000000 Longitude Decimal Degrees: -122.627360000000000 Coordinate Point Areal Extent Code: 99 Horizontal Accuracy Code: 99 Coordinate Point Geographic Position Code: 8 Location Verified Code: N			

Discussions with the "Manager" of the Gig Harbor Transmission facility has determined that the site "#1", identified as Auto Waune site, (incorrectly shown to be located west of the Gig Harbor Transmission facility on Sherman Drive NW), was actually in the same building as the present Gig Harbor Transmission facility ! ALKAI understands that this former Gasoline Station (Auto Waune) was part of a much larger property and when that property was subdivided and the highway built, the address for the Auto Waune appears to have given to the original property residence on Sherman Drive. Please also see the documentation that ALKAI received from the present owners of the Gig Harbor Transmission site.

On the following pages are reports of environmental impacted adjacent sites from the EDR Report.

2 KNAPP BROS REALTY INC  
 South 67 AVE NW & 144 AVE NW  
 1/8-1/4 GIG HARBOR, WA 98335  
 0.148 mi.  
 780 ft.

ALLSITES U003352418  
 UST WA

Relative: ALLSITES:  
 Lower Facility Id: 48911993  
 Latitude: 47.388827999999997  
 Actual: Longitude: -122.628193  
 24 ft. Geographic location identifier (alias facid): 48911993  
 Facility Name: KNAPP BROS REALTY INC  
 Latitude Decimal Degrees: 47.388827999999997  
 Longitude Decimal Degrees: -122.628193  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 6  
 Coordinate Point Geographic Position Code: 5

Location Verified Code: N

Geographic location identifier (alias facid): 48911993  
 Facility Name: KNAPP BROS REALTY INC  
 Latitude Decimal Degrees: 47.388827999999997  
 Longitude Decimal Degrees: -122.628193  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 6  
 Coordinate Point Geographic Position Code: 5  
 Location Verified Code: N

UST:

Facility ID: 48911993  
 Site ID: 10084  
 Lat Deg: 47  
 Lat Min: 23  
 Lat Sec: 19.78079999999878  
 Long Deg: -122  
 Long Min: 37  
 Long Sec: 41.49479999999858  
 UBI: Not reported  
 Phone Number: 2068572177

Tank ID: 1105  
 Tank Name: 1  
 Install Date: 12/31/1984  
 Capacity: Not reported  
 Tank Upgrade Date: 1/1/0001  
 TankSystem Status: Closed in Place  
 TankSystem Status Change Date: 8/28/1998  
 Tank Status: Closed in Place  
 Tank Permit Expiration Date: 1/1/0001  
 Tank Closure Date: 1/1/0001  
 Tank Pumping System: Not reported  
 Tank Spill Prevention: Not reported  
 Tank Overfill Prevention: Not reported  
 Tank Material: Not reported  
 Tank Construction: Not reported  
 Tank Tightness Test: Not reported  
 Tank Corrosion Protection: Not reported  
 Pipe Material: Not reported  
 Pipe Construction: Not reported  
 Pipe Primary Release Detection: Not reported  
 Pipe Second Release Detection: Not reported  
 Pipe Corrosion Protection: Not reported  
 Tank Primary Release Detection: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

<b>A3</b> South 1/8-1/4 0.187 mi. 988 ft.	<b>PENINSULA HIGH SCHOOL</b> 14105 PURDY DR NW GIG HARBOR, WA 98332  Site 1 of 2 in cluster A	<b>FINDS</b> <b>ALLSITES</b>	<b>1007063968</b> <b>WA</b>
---	---	---------------------------------	--------------------------------

Relative:  
 Lower

**FINDS:**

Registry ID: 110015405202

Actual:  
 22 ft.

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

US Geographic Names Information System (GNIS) is the official vehicle for geographic names used by the federal government and the source for applying geographic names to federal maps and other printed and electronic documents.

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

**ALLSITES:**

Facility Id: 85992972  
 Latitude: 47.386518000000002  
 Longitude: -122.627133  
 Geographic location identifier (alias facid): 85992972  
 Facility Name: PENINSULA HIGH SCHOOL  
 Latitude Decimal Degrees: 47.386518000000002  
 Longitude Decimal Degrees: -122.627133  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 6  
 Coordinate Point Geographic Position Code: 5  
 Location Verified Code: N

Geographic location identifier (alias facid): 85992972  
 Facility Name: PENINSULA HIGH SCHOOL  
 Latitude Decimal Degrees: 47.386518000000002  
 Longitude Decimal Degrees: -122.627133  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 6  
 Coordinate Point Geographic Position Code: 5  
 Location Verified Code: N

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
--------	-----------	----------	-----------	------	-------------	---------------	---------------

**MAP FINDINGS**

<p><b>A4</b>                  South                  1/8-1/4                  0.200 mi.                  1056 ft.</p>	<p><b>PURDY GROCERY</b>                  14317 PURDY DR NW                  GIG HARBOR, WA 98332</p> <p>Site 2 of 2 in cluster A</p>	<p><b>ALLSITES</b> U003352545  <b>LUST</b> N/A  <b>UST</b>  <b>ICR</b></p>
---	--	--

Relative: **ALLSITES:**  
 Lower Facility Id: 51231274  
 Latitude: 47.388528000000001  
 Actual: Longitude: -122.625558  
 21 ft. Geographic location identifier (alias facid): 51231274  
 Facility Name: PURDY GROCERY  
 Latitude Decimal Degrees: 47.388528000000001  
 Longitude Decimal Degrees: -122.625558  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 3  
 Coordinate Point Geographic Position Code: 5  
 Location Verified Code: Y

Geographic location identifier (alias facid): 51231274  
 Facility Name: PURDY GROCERY  
 Latitude Decimal Degrees: 47.388528000000001  
 Longitude Decimal Degrees: -122.625558  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 3  
 Coordinate Point Geographic Position Code: 5  
 Location Verified Code: Y

**LUST:**  
 edr\_fstat: WA  
 edr\_fzip: 98332  
 edr\_fonty: PIERCE  
 edr\_zip: 98332-8814  
 FS ID: 51231274  
 Facility ID: 101058  
 Facility Status: Reported Cleaned Up  
 Release ID: 391388  
 Affected Media: Soil  
 Alternate Name: PURDY GROCERY  
 Release Notification Date: 10/8/1998  
 Release Status Date: 10/8/1998  
 Site Response Unit Code: SOUTHWEST  
 Lat/Long: 47.388528 / -122.625558

edr\_fstat: WA  
 edr\_fzip: 98332  
 edr\_fonty: PIERCE  
 edr\_zip: 98332-8814  
 FS ID: 51231274  
 Facility ID: 101058  
 Facility Status: Cleanup Started  
 Release ID: 391388  
 Affected Media: Soil  
 Alternate Name: PURDY GROCERY  
 Release Notification Date: 10/8/1998  
 Release Status Date: 10/4/1998  
 Site Response Unit Code: SOUTHWEST  
 Lat/Long: 47.388528 / -122.625558

These above two sites (that make-up "CLUSTER A", on the Map, are at a lower elevation than the subject site and most likely would not have any impact on the subject site.

## 5.0 SITE RECONNAISSANCE

A number of visual observation visitations of the subject site and surrounding properties, was conducted by a representative of ALKAI in early and mid-January, 2010, as the required site reconnaissance. The objective of the site reconnaissance was to obtain information indicating the likelihood of identifying recognized environmental conditions, including hazardous substances and petroleum products, in connection with the property (including soils, surface waters, and groundwater).

### 5.1 Observations

The following Table III summarizes conditions encountered during ALKAI's site reconnaissance, which included the site and surrounding area, together with observations of surrounding property and buildings. Please refer to the color photographs for a panoramic display of the area adjacent to the Gig Harbor Transmission site.

**Table III**  
**Site Reconnaissance Observations**

Feature	Observed	Not Observed
Structures (existing)	X	
Evidence of past uses	X	
Hazardous substances and/or petroleum products (including containers)	X	
Aboveground storage tanks (ASTs)	X	
Underground storage tanks (USTs) or evidence of USTs	X	
Strong, pungent, or noxious odors		X
Pools of liquid likely to be hazardous materials or petroleum products		X
Drums		X
Unidentified substance containers		X
Potential polychlorinated biphenyl (PCB) containing equipment		X
Subsurface hydraulic equipment		X
Stains or corrosion on floors, walls, or ceilings	X	
Floor drains and sumps	X	
Pits, ponds, or lagoons		X
Stained soil and/or pavement	X	
Stressed vegetation		X
Waste or wastewater discharges to surface or surface waters on subject site (including stormwater)		X
Wells (domestic) ---- "Present, but not observed"		X
Septic Systems ---- "Present, but not observed"		X

## 5.2 Adjacent Streets and Property Usage

A visual reconnaissance of the surrounding area as shown by the panorama photos, revealed that the subject property was bordered on the east side by an educational facilities, an on the north, west and south sides by residential, and commercial facilities and activities. Table IV summarizes the current adjacent streets and site uses observed during the site reconnaissance.

**TABLE IV**  
**Adjacent Streets and Property Use**

Direction	Adjacent Street	Adjacent Property Use
North	none	Residential/Commercial.
East	Purdy Drive NW	Residential/Commercial.
South	none	Commercial/Educational.
West	Near Sherman Drive NW	Residential

## 5.3 User Provided Information

Mrs. Tracy Larson, a Owner of the "Gig Harbor Transmission facility, provided ALKAI background information and technical reports and was interviewed at the site by ALKAI's Senior Environmental Engineer, George Webster. This "User Provided Documentation" is contained in Appendix E, and specific documents further discussed below.

Mrs. Larson also provided historical data related to the site when it was an operating Gasoline Station. Included in that data is a certified "UST tightness testing" study done by Petrotite, dated September 1985. Also included are TWO copies of invoices for UST removals done at different dates. The first. In February 1989 from Bayshore Sand and Gravel, states that they removed four UST and backfilled the site with crushed rock. Then in April 1989, "PETROTECH" removed four UST's and piping.

## 6.0 DISCUSSION OF FINDINGS

ALKAI's research of the subject site for this Phase I ESA has identified evidence of Recognized Environmental Conditions in connection with the subject site. The following findings are presented:

There are Environmental Cleanup Liens or Activity and Use Limitations filed against the subject property, but this property is a known WA Ecology "Confirmed and Suspected Contaminated Sites List Site", having suspected petroleum hydrocarbon soil and groundwater contamination. It is unlikely that the adjacent properties have impacted the subject site.



The Environmental Protection Agency's Standards and Practices for All Appropriate Inquiries require that any gaps in data noted during the research for a Phase I ESA be described and rated. During this inquiry, information was limited to evidence 1960. The earliest source of information reviewed was aerial photos. The significance of this data gap appears to be minimal.

## 7.0 CONCLUSIONS

ALKAI has conducted a Phase I ESA of the subject site located at Washington, in general conformance with the scope and limitations of the ASTM E1527-05 Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process*. In the professional opinion of ALKAI Consultants, LLC, (ALKAI), an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability, and as of January 22, 2010, there is evidence of RECs at the subject site.

ALKAI thinks that a further "Third-Party" assessment of those present RECs appears to be warranted, and ALKAI's recommendations that ALKAI perform a Phase II ESA and a "full confirmatory" Groundwater Monitoring Well survey..

## 8.0 LIMITATIONS

This assessment is intended to provide the client with information regarding apparent suspicions of existing and potential recognized environmental conditions associated with subject property. ALKAI warrants that this Phase I Environmental Site Assessment was performed using generally accepted, good commercial and customary environmental assessment practices. ALKAI believes that the information obtained from the records review and the interviews concerning the subject site is reliable. However, ALKAI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. No other warranty, either implied or express is given.

The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the client. No subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this ESA.

Environmental impairment of property as a result of activities such as illicit or unreported dumping or spilling of hazardous or deleterious materials may not be readily apparent. The opinions and conclusions presented in this report are based on information readily available at the time of the assessment. The collection of quantitative information, such as data generated by the analysis of soil or water samples, was beyond the scope of this assessment. This Phase I ESA does not address the ASTM Phase I non-scope

issues of asbestos, radon, lead-based paint, lead in drinking water, and wetlands, unless specifically stated otherwise in the report. Other project specific limitations are presented in the appropriate sections of this report.

This report has been prepared for the exclusive use of the client noted on the cover page, and their agents for specific application to the subject site. Use or reliance upon this report by a third party is at their own risk. ALKAI does not make any representation or warranty, express or implied, to such other parties as to the accuracy or completeness of this report or the suitability of its use by such other parties for any purpose whatever, known or unknown, to ALKAI.

## 9.0 QUALIFICATIONS

This Phase I ESA was conducted by ALKAI's undersigned environmental professional (as specified in Section 7.5.1 of ASTM 1527-05). The author has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. The work was conducted in general accordance with ASTM 1527-05 and generally accepted industry standards for environmental due diligence in place at the time of the preparation of this report.

If you have any questions, or if we can be of further assistance, please do not hesitate to contact our office at (360) 613-2407.

Respectfully submitted,

ALKAI CONSULTANTS, LLC



George Webster, P.E., D.E.E.  
Senior Environmental Engineer



1-28-10

**REFERENCES**

Aerial photographs from EDR.

Federal and State regulatory agency lists compiled by EDR Information Solutions, Inc. (EDR).

USDA, Soil Conservation Service National Soil Survey, Soil Map, State Soil Geographic Database.

# Appendix A



**Gig Harbor Transmission**

14610 Purdy Dr NW  
Gig Harbor, WA 98332

Inquiry Number: 2668220.2s  
December 30, 2009

**The EDR Radius Map™ Report with GeoCheck®**



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

14610 PURDY DR NW  
GIG HARBOR, WA 98332

#### COORDINATES

Latitude (North): 47.391300 - 47° 23' 28.7"  
Longitude (West): 122.626100 - 122° 37' 34.0"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 528218.6  
UTM Y (Meters): 5248498.5  
Elevation: 56 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 47122-D6 BURLEY, WA  
Most Recent Revision: 1994  
  
East Map: 47122-D5 OLALLA, WA  
Most Recent Revision: 1994

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List

## EXECUTIVE SUMMARY

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

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

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

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

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

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

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

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

HSL..... Hazardous Sites List

### ***State- and tribal - equivalent CERCLIS***

CSCSL..... Confirmed and Suspected Contaminated Sites List

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

SWF/LF..... Solid Waste Facility Database

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

AST..... Aboveground Storage Tank Locations



## EXECUTIVE SUMMARY

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

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

INST CONTROL..... Institutional Control Site List

### *State and tribal voluntary cleanup sites*

INDIAN VCP..... Voluntary Cleanup Priority Listing

### *State and tribal Brownfields sites*

BROWNFIELDS..... Brownfields Sites Listing

### ADDITIONAL ENVIRONMENTAL RECORDS

#### *Local Brownfield lists*

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

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

ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
SWTIRE..... Solid Waste Tire Facilities  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs  
CDL..... Clandestine Drug Lab Contaminated Site List  
HIST CDL..... List of Sites Contaminated by Clandestine Drug Labs  
US HIST CDL..... National Clandestine Laboratory Register

#### *Local Land Records*

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System

#### *Records of Emergency Release Reports*

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Reported Spills

#### *Other Ascertainable Records*

RCRA-NonGen..... RCRA - Non Generators  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites

## EXECUTIVE SUMMARY

MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells Listing
MANIFEST.....	Hazardous Waste Manifest Data
DRYCLEANERS.....	Drycleaner List
NPDES.....	Water Quality Permit System Data
AIRS.....	Washington Emissions Data System
Inactive Drycleaners.....	Inactive Drycleaners
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plan Operation Data
COAL ASH.....	Coal Ash Disposal Site Listing

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### *State and tribal leaking storage tank lists*

## EXECUTIVE SUMMARY

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

A review of the LUST list, as provided by EDR, and dated 11/23/2009 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PURDY GROCERY	14317 PURDY DR NW	S 1/8 - 1/4 (0.200 mi.)	A4	10

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 11/24/2009 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNAPP BROS REALTY INC	67 AVE NW & 144 AVE NW	S 1/8 - 1/4 (0.148 mi.)	2	7
PURDY GROCERY	14317 PURDY DR NW	S 1/8 - 1/4 (0.200 mi.)	A4	10
14307 67TH AVE NW	14307 67TH AVE NW	SSW 1/8 - 1/4 (0.204 mi.)	5	14

### **State and tribal voluntary cleanup sites**

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 10/27/2009 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PENINSULA SCHOOL DISTRICT #401	14015 62ND AVE NW	SE 1/4 - 1/2 (0.418 mi.)	B7	16

ICR: These are remedial action reports Ecology has received 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.

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 2 ICR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PENINSULA SCHOOL DIST. TRANSP	14015 62ND AVE. NW	SE 1/4 - 1/2 (0.418 mi.)	B8	17
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PURDY GROCERY	14317 PURDY DR NW	S 1/8 - 1/4 (0.200 mi.)	A4	10

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

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

ALLSITES: Information on facilities and sites of interest to the Department of Ecology.

A review of the ALLSITES list, as provided by EDR, and dated 11/07/2009 has revealed that there are 7 ALLSITES sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AUTO WAUNE</i>	<i>14613 SHERMAN DR NW</i>	<i>W 0 - 1/8 (0.060 mi.)</i>	<i>1</i>	<i>7</i>
<i>PENINSULA SCHOOL DISTRICT #401</i>	<i>14015 62ND AVE NW</i>	<i>SE 1/4 - 1/2 (0.418 mi.)</i>	<i>B7</i>	<i>16</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>KNAPP BROS REALTY INC</i>	<i>67 AVE NW &amp; 144 AVE NW</i>	<i>S 1/8 - 1/4 (0.148 mi.)</i>	<i>2</i>	<i>7</i>
<i>PENINSULA HIGH SCHOOL</i>	<i>14105 PURDY DR NW</i>	<i>S 1/8 - 1/4 (0.187 mi.)</i>	<i>A3</i>	<i>9</i>
<i>PURDY GROCERY</i>	<i>14317 PURDY DR NW</i>	<i>S 1/8 - 1/4 (0.200 mi.)</i>	<i>A4</i>	<i>10</i>
<i>14307 67TH AVE NW</i>	<i>14307 67TH AVE NW</i>	<i>SSW 1/8 - 1/4 (0.204 mi.)</i>	<i>5</i>	<i>14</i>
<i>BRIDGEVIEW AUTO &amp; ELECTRIC'</i>	<i>14310 PURDY LN NW</i>	<i>S 1/8 - 1/4 (0.229 mi.)</i>	<i>6</i>	<i>15</i>

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 10/27/2009 has revealed that there is 1 CSCSL NFA site within approximately 0.5 miles of the target property.

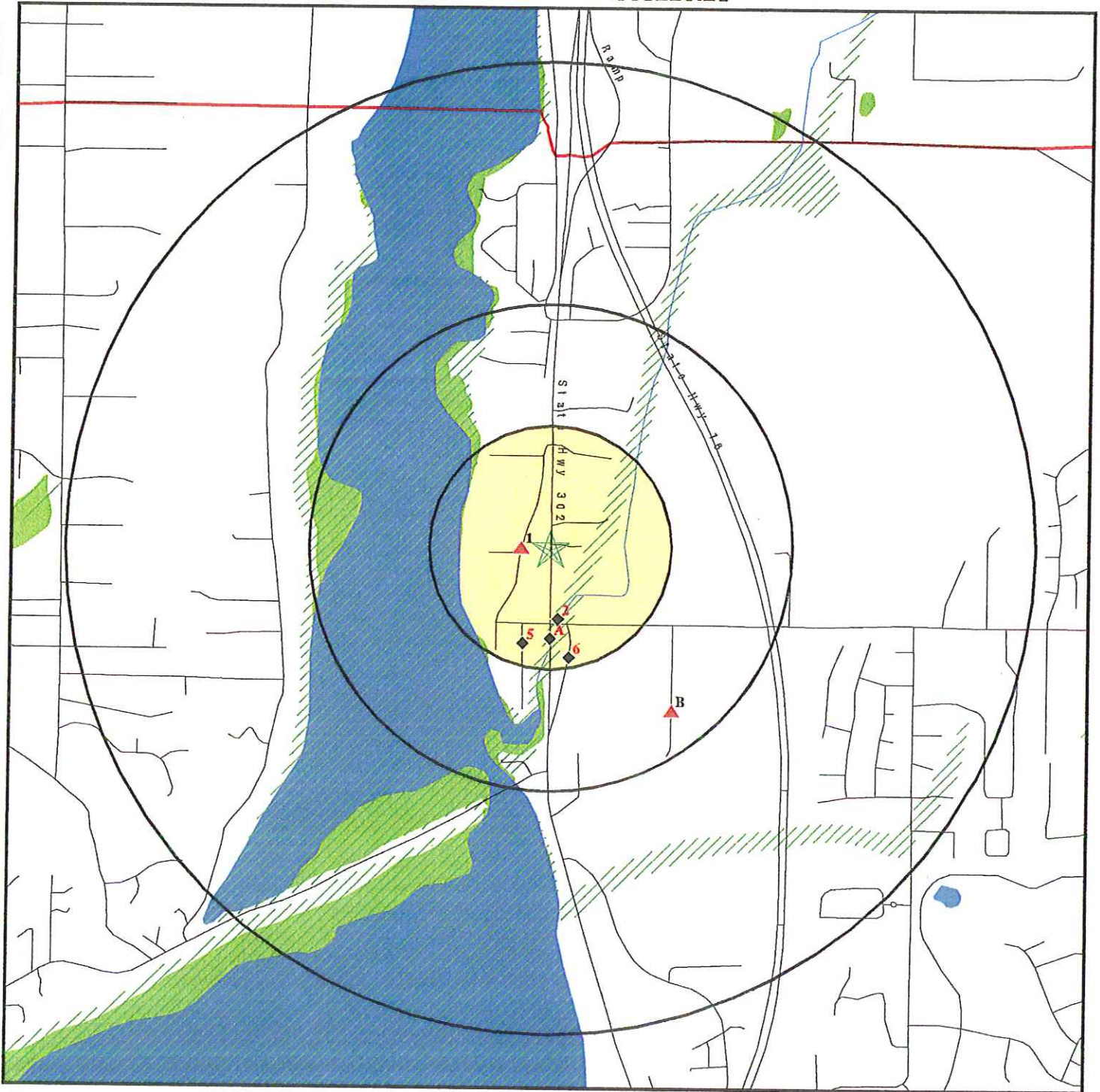
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PENINSULA SCHOOL DISTRICT #401</i>	<i>14015 62ND AVE NW</i>	<i>SE 1/4 - 1/2 (0.418 mi.)</i>	<i>B7</i>	<i>16</i>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

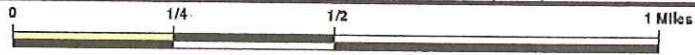
<u>Site Name</u>	<u>Database(s)</u>
ANTHEM SELF STORAGE	ALLSITES
HARBOR TOWN MARINA	ALLSITES
CENEX HARVEST STATES GIG HARBOR	ALLSITES
GIG HARBOR HOPE CENTER	ALLSITES
ABSOLUTE AUTO CARE	ALLSITES
COMMUNITY BIBLE FELLOWSHIP CHURCH	ALLSITES
HARBOR HILL DEVELOPMENT	ALLSITES
GIG HARBOR NORTH THE DWELLING CO	ALLSITES
WAUNA HWY & KEY PENNINSULA HWY 7360 HWY 3 SW	FINDS, ALLSITES, CSCSL NFA RCRA-NonGen, FINDS, ALLSITES, CSCSL NFA, VCP
SW BERRY LAKE RD 3062 SW HWY 16	FINDS, CSCSL, ALLSITES
PAIJE PROPERTIES INDUSTRIAL BLDGS	FINDS, ALLSITES
GIG HARBOR INDUSTRIAL SITE	ALLSITES
ALPINE EVERGREEN INC	ALLSITES, CSCSL NFA
AVIAN AERONAUTICS INC	ALLSITES
HEMLEY S SEPTIC SYSTEM	ALLSITES
HARBOR TOWN MARINA	SWF/LF, SPILLS
GIG HARBOR INDUSTRIAL SITE	FINDS
JACKPOT #363	FINDS
GIG HARBOR NORTH THE DWELLING CO	ICR
HARBOR HILL DEVELOPMENT	NPDES
	NPDES

# OVERVIEW MAP - 2668220.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

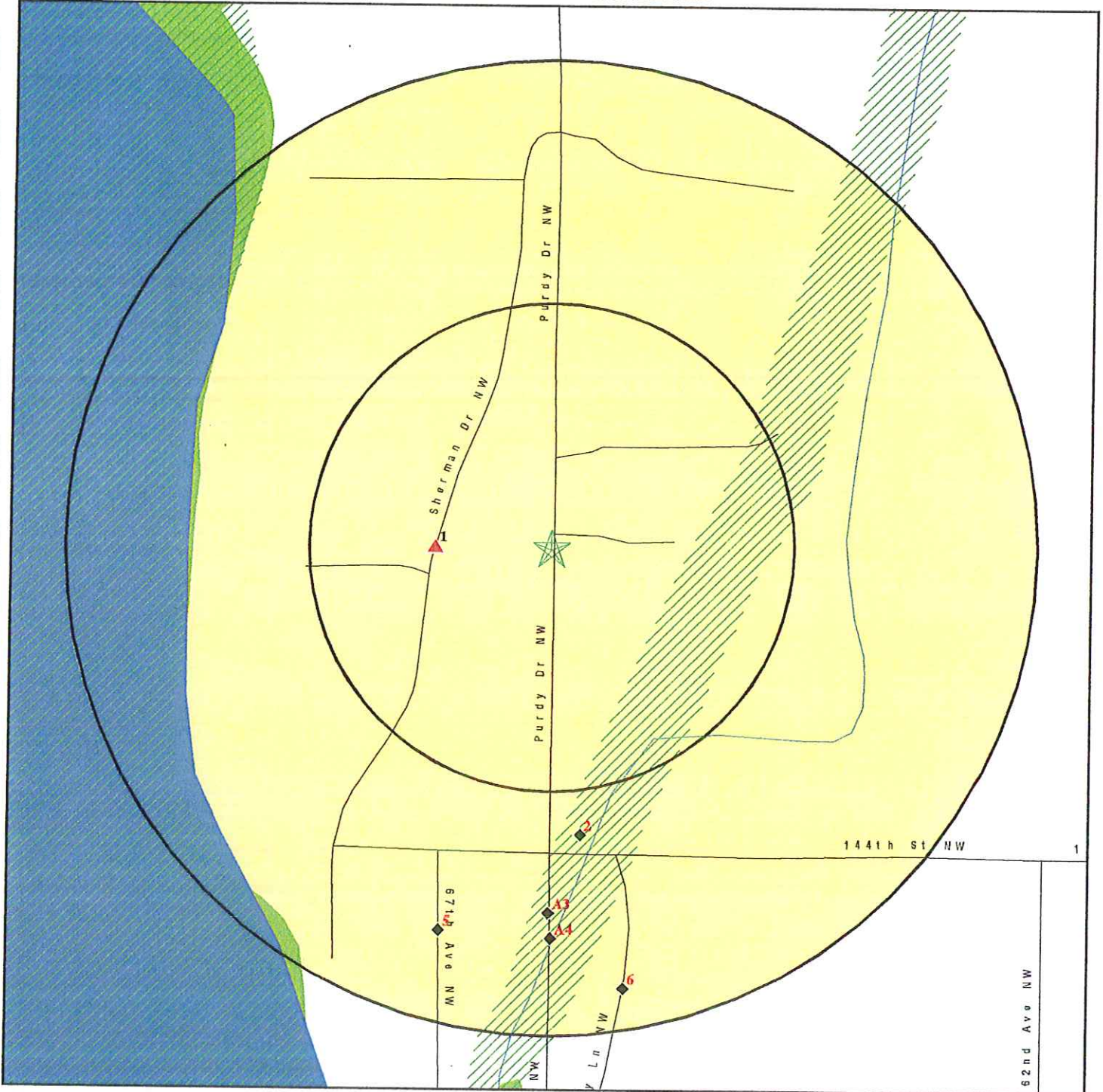


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

**SITE NAME:** Gig Harbor Transmission  
**ADDRESS:** 14610 Purdy Dr NW  
 Gig Harbor WA 98332  
**LAT/LONG:** 47.3913 / 122.6261

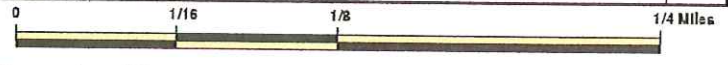
**CLIENT:** Alkai Consulting, LLC  
**CONTACT:** George Webster  
**INQUIRY #:** 2668220.2s  
**DATE:** December 30, 2009 1:24 pm

# DETAIL MAP - 2668220.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory



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

<p><b>SITE NAME:</b> Gig Harbor Transmission  <b>ADDRESS:</b> 14610 Purdy Dr NW          Gig Harbor WA 98332  <b>LAT/LONG:</b> 47.3913 / 122.6261</p>	<p><b>CLIENT:</b> Alkai Consulting, LLC  <b>CONTACT:</b> George Webster  <b>INQUIRY #:</b> 2668220.2s  <b>DATE:</b> December 30, 2009 1:24 pm</p>
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
HSL		1.000	0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
CSCSL		1.000	0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	0	1	0	NR	NR	1
INDIAN LUST		0.500	0	0	0	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><i>State and tribal registered storage tank lists</i></b>								
UST		0.250	0	3	NR	NR	NR	3
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
VCP		0.500	0	0	1	NR	NR	1
INDIAN VCP		0.500	0	0	0	NR	NR	0
ICR		0.500	0	1	1	NR	NR	2
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US CDL		TP	NR	NR	NR	NR	NR	0
ALLSITES		0.500	1	5	1	NR	NR	7
CSCSL NFA		0.500	0	0	1	NR	NR	1
CDL		TP	NR	NR	NR	NR	NR	0
HIST CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
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#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

1  
 West  
 < 1/8  
 0.060 mi.  
 319 ft.

**AUTO WAUNE**  
 14613 SHERMAN DR NW  
 GIG HARBOR, WA 98332

**FINDS** 1011971674  
**ALLSITES** N/A

Relative:  
 Higher

**FINDS:**

Registry ID: 110037906095

Actual:  
 59 ft.

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**ALLSITES:**

Facility Id: 3315385  
 Latitude: 47.391345999999999  
 Longitude: -122.627360999999999  
 Geographic location identifier (alias facid): 3315385  
 Facility Name: AUTO WAUNE  
 Latitude Decimal Degrees: 47.391345999999999  
 Longitude Decimal Degrees: -122.627360999999999  
 Coordinate Point Areal Extent Code: 99  
 Horizontal Accuracy Code: 99  
 Coordinate Point Geographic Position Code: 8  
 Location Verified Code: N

Geographic location identifier (alias facid): 3315385  
 Facility Name: AUTO WAUNE  
 Latitude Decimal Degrees: 47.391345999999999  
 Longitude Decimal Degrees: -122.627360999999999  
 Coordinate Point Areal Extent Code: 99  
 Horizontal Accuracy Code: 99  
 Coordinate Point Geographic Position Code: 8  
 Location Verified Code: N

2  
 South  
 1/8-1/4  
 0.148 mi.  
 780 ft.

**KNAPP BROS REALTY INC**  
 67 AVE NW & 144 AVE NW  
 GIG HARBOR, WA 98335

**ALLSITES** U003352418  
**UST** N/A

Relative:  
 Lower

**ALLSITES:**

Facility Id: 48911993  
 Latitude: 47.388827999999997  
 Longitude: -122.628193  
 Geographic location identifier (alias facid): 48911993  
 Facility Name: KNAPP BROS REALTY INC  
 Latitude Decimal Degrees: 47.388827999999997  
 Longitude Decimal Degrees: -122.628193  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 6  
 Coordinate Point Geographic Position Code: 5

Actual:  
 24 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KNAPP BROS REALTY INC (Continued)**

U003352418

Location Verified Code: N  
Geographic location identifier (alias facid): 48911993  
Facility Name: KNAPP BROS REALTY INC  
Latitude Decimal Degrees: 47.388827999999997  
Longitude Decimal Degrees: -122.628193  
Coordinate Point Areal Extent Code: 4  
Horizontal Accuracy Code: 6  
Coordinate Point Geographic Position Code: 5  
Location Verified Code: N

UST:

Facility ID: 48911993  
Site ID: 10064  
Lat Deg: 47  
Lat Min: 23  
Lat Sec: 19.7807999999878  
Long Deg: -122  
Long Min: 37  
Long Sec: 41.4947999999856  
UBI: Not reported  
Phone Number: 2068572177

Tank ID: 1105  
Tank Name: 1  
Install Date: 12/31/1964  
Capacity: Not reported  
Tank Upgrade Date: 1/1/0001  
TankSystem Status: Closed in Place  
TankSystem Status Change Date: 8/26/1996  
Tank Status: Closed in Place  
Tank Permit Expiration Date: 1/1/0001  
Tank Closure Date: 1/1/0001  
Tank Pumping System: Not reported  
Tank Spill Prevention: Not reported  
Tank Overfill Prevention: Not reported  
Tank Material: Not reported  
Tank Construction: Not reported  
Tank Tightness Test: Not reported  
Tank Corrosion Protection: Not reported  
Pipe Material: Not reported  
Pipe Construction: Not reported  
Pipe Primary Release Detection: Not reported  
Pipe Second Release Detection: Not reported  
Pipe Corrosion Protection: Not reported  
Tank Primary Release Detection: Not reported  
Tank Second Release Detection: Not reported  
Pipe Tightness Test: Not reported  
Tank Actual Status Date: 8/6/1996  
Tag Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A3  
South  
1/8-1/4  
0.187 mi.  
988 ft.

PENINSULA HIGH SCHOOL  
14105 PURDY DR NW  
GIG HARBOR, WA 98332

FINDS 1007063968  
ALLSITES N/A

Site 1 of 2 in cluster A

Relative:  
Lower

FINDS:

Registry ID: 110015405202

Actual:  
22 ft.

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

US Geographic Names Information System (GNIS) is the official vehicle for geographic names used by the federal government and the source for applying geographic names to federal maps and other printed and electronic documents.

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

ALLSITES:

Facility Id: 85992972  
Latitude: 47.386518000000002  
Longitude: -122.627133  
Geographic location identifier (alias facid): 85992972  
Facility Name: PENINSULA HIGH SCHOOL  
Latitude Decimal Degrees: 47.386518000000002  
Longitude Decimal Degrees: -122.627133  
Coordinate Point Areal Extent Code: 4  
Horizontal Accuracy Code: 6  
Coordinate Point Geographic Position Code: 5  
Location Verified Code: N

Geographic location identifier (alias facid): 85992972  
Facility Name: PENINSULA HIGH SCHOOL  
Latitude Decimal Degrees: 47.386518000000002  
Longitude Decimal Degrees: -122.627133  
Coordinate Point Areal Extent Code: 4  
Horizontal Accuracy Code: 6  
Coordinate Point Geographic Position Code: 5  
Location Verified Code: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

A4 PURDY GROCERY  
South 14317 PURDY DR NW  
1/8-1/4 GIG HARBOR, WA 98332  
0.200 mi.  
1056 ft. Site 2 of 2 in cluster A

ALLSITES U003352545  
LUST N/A  
UST  
ICR

Relative:  
Lower

ALLSITES:  
Facility Id: 51231274  
Latitude: 47.388528000000001  
Longitude: -122.625556  
Geographic location identifier (alias facid): 51231274  
Facility Name: PURDY GROCERY  
Latitude Decimal Degrees: 47.388528000000001  
Longitude Decimal Degrees: -122.625556  
Coordinate Point Areal Extent Code: 4  
Horizontal Accuracy Code: 3  
Coordinate Point Geographic Position Code: 5  
Location Verified Code: Y

Actual:  
21 ft.

Geographic location identifier (alias facid): 51231274  
Facility Name: PURDY GROCERY  
Latitude Decimal Degrees: 47.388528000000001  
Longitude Decimal Degrees: -122.625556  
Coordinate Point Areal Extent Code: 4  
Horizontal Accuracy Code: 3  
Coordinate Point Geographic Position Code: 5  
Location Verified Code: Y

LUST:

edr\_fstat: WA  
edr\_fzip: 98332  
edr\_fcnty: PIERCE  
edr\_zip: 98332-8614  
FS ID: 51231274  
Facility ID: 101056  
Facility Status: Reported Cleaned Up  
Release ID: 391388  
Affected Media: Soil  
Alternate Name: PURDY GROCERY  
Release Notification Date: 10/8/1996  
Release Status Date: 10/8/1996  
Site Response Unit Code: SOUTHWEST  
Lat/Long: 47.388528 / -122.625556

edr\_fstat: WA  
edr\_fzip: 98332  
edr\_fcnty: PIERCE  
edr\_zip: 98332-8614  
FS ID: 51231274  
Facility ID: 101056  
Facility Status: Cleanup Started  
Release ID: 391388  
Affected Media: Soil  
Alternate Name: PURDY GROCERY  
Release Notification Date: 10/8/1996  
Release Status Date: 10/4/1995  
Site Response Unit Code: SOUTHWEST  
Lat/Long: 47.388528 / -122.625556

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

PURDY GROCERY (Continued)

U003352545

UST:

Facility ID: 51231274  
Site ID: 101056  
Lat Deg: 47  
Lat Min: 23  
Lat Sec: 18.7008000000031  
Long Deg: -122  
Long Min: 37  
Long Sec: 32.0016000000112  
UBI: 6014707020010002  
Phone Number: 2538537536

Tank ID: 10662  
Tank Name: REGULAR  
Install Date: 1/1/1956  
Capacity: 2,001 to 4,999 Gallons  
Tank Upgrade Date: 1/1/0001  
TankSystem Status: Removed  
TankSystem Status Change Date: 12/2/1997  
Tank Status: Removed  
Tank Permit Expiration Date: 5/31/2001  
Tank Closure Date: 1/1/0001  
Tank Pumping System: Suction System Tank Check Valve  
Tank Spill Prevention: Not reported  
Tank Overfill Prevention: Not reported  
Tank Material: Steel  
Tank Construction: Single Wall Tank  
Tank Tightness Test: Not reported  
Tank Corrosion Protection: Sacrificial Anode  
Pipe Material: Steel  
Pipe Construction: Single Wall Pipe  
Pipe Primary Release Detection: Not reported  
Pipe Second Release Detection: Not reported  
Pipe Corrosion Protection: Not reported  
Tank Primary Release Detection: Not reported  
Tank Second Release Detection: Not reported  
Pipe Tightness Test: Not reported  
Tank Actual Status Date: 8/6/1996  
Tag Number: A3066

Tank ID: 30269  
Tank Name: UNLEADED  
Install Date: 1/1/1956  
Capacity: 2,001 to 4,999 Gallons  
Tank Upgrade Date: 1/1/0001  
TankSystem Status: Removed  
TankSystem Status Change Date: 9/7/1999  
Tank Status: Removed  
Tank Permit Expiration Date: 5/31/1999  
Tank Closure Date: 1/1/0001  
Tank Pumping System: Not reported  
Tank Spill Prevention: Not reported  
Tank Overfill Prevention: Not reported  
Tank Material: Not reported  
Tank Construction: Not reported  
Tank Tightness Test: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

PURDY GROCERY (Continued)

U003352545

Tank Corrosion Protection: Not reported  
Pipe Material: Not reported  
Pipe Construction: Not reported  
Pipe Primary Release Detection: Not reported  
Pipe Second Release Detection: Not reported  
Pipe Corrosion Protection: Not reported  
Tank Primary Release Detection: Not reported  
Tank Second Release Detection: Not reported  
Pipe Tightness Test: Not reported  
Tank Actual Status Date: 8/6/1996  
Tag Number: A3066

Tank ID: 38579  
Tank Name: SUPREME  
Install Date: 1/1/1976  
Capacity: 2,001 to 4,999 Gallons  
Tank Upgrade Date: 1/1/0001  
TankSystem Status: Removed  
TankSystem Status Change Date: 12/2/1997  
Tank Status: Removed  
Tank Permit Expiration Date: 3/31/1998  
Tank Closure Date: 1/1/0001  
Tank Pumping System: Suction System Tank Check Valve  
Tank Spill Prevention: Not reported  
Tank Overfill Prevention: Not reported  
Tank Material: Steel  
Tank Construction: Single Wall Tank  
Tank Tightness Test: Not reported  
Tank Corrosion Protection: Sacrificial Anode  
Pipe Material: Steel  
Pipe Construction: Single Wall Pipe  
Pipe Primary Release Detection: Not reported  
Pipe Second Release Detection: Not reported  
Pipe Corrosion Protection: Not reported  
Tank Primary Release Detection: Not reported  
Tank Second Release Detection: Not reported  
Pipe Tightness Test: Not reported  
Tank Actual Status Date: 8/6/1996  
Tag Number: A3066

Tank ID: 432229  
Tank Name: 0001  
Install Date: 10/30/1995  
Capacity: 10,000 to 19,999 Gallons  
Tank Upgrade Date: 10/30/1995  
TankSystem Status: Operational  
TankSystem Status Change Date: 1/1/0001  
Tank Status: Operational  
Tank Permit Expiration Date: 5/31/2010  
Tank Closure Date: 1/1/0001  
Tank Pumping System: Pressurized System  
Tank Spill Prevention: Spill Bucket/Spill Box  
Tank Overfill Prevention: Ball Float Valve (vent line)  
Tank Material: Steel Clad with Corrosion Resistant Composite  
Tank Construction: Double Wall Tank



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**PURDY GROCERY (Continued)**

**U003352545**

Tank Tightness Test: Every 5 Years  
Tank Corrosion Protection: Corrosion Resistant  
Pipe Material: Fiberglass  
Pipe Construction: Single Wall Pipe  
Pipe Primary Release Detection: Automatic Line Leak Detection  
Pipe Second Release Detection: Not reported  
Pipe Corrosion Protection: Corrosion Resistant  
Tank Primary Release Detection: Automatic Tank Gauging  
Tank Second Release Detection: Not reported  
Pipe Tightness Test: Annual  
Tank Actual Status Date: 12/10/1999  
Tag Number: A3066

Tank ID: 432230  
Tank Name: 0002  
Install Date: 10/30/1995  
Capacity: 10,000 to 19,999 Gallons  
Tank Upgrade Date: 10/30/1995  
TankSystem Status: Operational  
TankSystem Status Change Date: 1/1/0001  
Tank Status: Operational  
Tank Permit Expiration Date: 5/31/2010  
Tank Closure Date: 1/1/0001  
Tank Pumping System: Pressurized System  
Tank Spill Prevention: Spill Bucket/Spill Box  
Tank Overfill Prevention: Ball Float Valve (vent line)  
Tank Material: Steel Clad with Corrosion Resistant Composite  
Tank Construction: Double Wall Tank  
Tank Tightness Test: Every 5 Years  
Tank Corrosion Protection: Corrosion Resistant  
Pipe Material: Fiberglass  
Pipe Construction: Single Wall Pipe  
Pipe Primary Release Detection: Automatic Line Leak Detection  
Pipe Second Release Detection: Not reported  
Pipe Corrosion Protection: Corrosion Resistant  
Tank Primary Release Detection: Automatic Tank Gauging  
Tank Second Release Detection: Not reported  
Pipe Tightness Test: Annual  
Tank Actual Status Date: 12/10/1999  
Tag Number: A3066

**ICR:**

Date Ecology Received Report: 10/08/96  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: South Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 94-37  
County Code: 27  
Contact: Not reported  
Report Title: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

5  
 SSW  
 1/8-1/4  
 0.204 ml.  
 1077 ft.

14307 67TH AVE NW  
 14307 67TH AVE NW  
 GIG HARBOR, WA 98335

FINDS 1007068197  
 ALLSITES N/A  
 UST

Relative:  
 Lower

FINDS:

Registry ID: 110015447952

Actual:  
 25 ft.

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

ALLSITES:

Facility Id: 58945127  
 Latitude: 47.294485000000002  
 Longitude: -122.629463  
 Geographic location identifier (alias facid): 58945127  
 Facility Name: 14307 67TH AVE NW  
 Latitude Decimal Degrees: 47.294485000000002  
 Longitude Decimal Degrees: -122.629463  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 7  
 Coordinate Point Geographic Position Code: 5  
 Location Verified Code: N

Geographic location identifier (alias facid): 58945127  
 Facility Name: 14307 67TH AVE NW  
 Latitude Decimal Degrees: 47.294485000000002  
 Longitude Decimal Degrees: -122.629463  
 Coordinate Point Areal Extent Code: 4  
 Horizontal Accuracy Code: 7  
 Coordinate Point Geographic Position Code: 5  
 Location Verified Code: N

UST:

Facility ID: 58945127  
 Site ID: 101783  
 Lat Deg: 47  
 Lat Min: 17  
 Lat Sec: 40.1460000000006  
 Long Deg: -122  
 Long Min: 37  
 Long Sec: 46.06680000000044  
 UBI: Not reported  
 Phone Number: 2068572177

Tank ID: 35480  
 Tank Name: 1  
 Install Date: 12/31/1964  
 Capacity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

14307 67TH AVE NW (Continued)

1007068197

Tank Upgrade Date: 1/1/0001  
TankSystem Status: Closed in Place  
TankSystem Status Change Date: 8/26/1996  
Tank Status: Closed in Place  
Tank Permit Expiration Date: 1/1/0001  
Tank Closure Date: 1/1/0001  
Tank Pumping System: Not reported  
Tank Spill Prevention: Not reported  
Tank Overfill Prevention: Not reported  
Tank Material: Not reported  
Tank Construction: Not reported  
Tank Tightness Test: Not reported  
Tank Corrosion Protection: Not reported  
Pipe Material: Not reported  
Pipe Construction: Not reported  
Pipe Primary Release Detection: Not reported  
Pipe Second Release Detection: Not reported  
Pipe Corrosion Protection: Not reported  
Tank Primary Release Detection: Not reported  
Tank Second Release Detection: Not reported  
Pipe Tightness Test: Not reported  
Tank Actual Status Date: 8/6/1996  
Tag Number: Not reported

6  
South  
1/8-1/4  
0.229 mi.  
1207 ft.

BRIDGEVIEW AUTO & ELECTRIC'  
14310 PURDY LN NW  
GIG HARBOR, WA 98332

FINDS 1011971755  
ALLSITES N/A

Relative:  
Lower

FINDS:

Registry ID: 110037905354

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Actual:  
31 ft.

ALLSITES:

Facility Id: 5245782  
Latitude: 47.387996999999999  
Longitude: -122.625274  
Geographic location identifier (alias facid): 5245782  
Facility Name: BRIDGEVIEW AUTO & ELECTRIC'  
Latitude Decimal Degrees: 47.387996999999999  
Longitude Decimal Degrees: -122.625274  
Coordinate Point Areal Extent Code: 99  
Horizontal Accuracy Code: 99  
Coordinate Point Geographic Position Code: 8  
Location Verified Code: N

Geographic location identifier (alias facid): 5245782

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

BRIDGEVIEW AUTO & ELECTRIC' (Continued)

1011971755

Facility Name: BRIDGEVIEW AUTO & ELECTRIC'  
Latitude Decimal Degrees: 47.387996999999999  
Longitude Decimal Degrees: -122.625274  
Coordinate Point Areal Extent Code: 99  
Horizontal Accuracy Code: 99  
Coordinate Point Geographic Position Code: 8  
Location Verified Code: N

B7  
SE  
1/4-1/2  
0.418 mi.  
2209 ft.

PENINSULA SCHOOL DISTRICT #401  
14015 62ND AVE NW  
GIG HARBOR, WA 98332

ALLSITES S108024734  
CSCSL NFA N/A  
VCP

Site 1 of 2 in cluster B

Relative:  
Higher

ALLSITES:

Facility Id: 156  
Latitude: 47.374859999999998  
Longitude: -122.62092  
Geographic location identifier (alias facid): 156  
Facility Name: EDUCATIONAL SERVICE CENTER  
Latitude Decimal Degrees: 47.374859999999998  
Longitude Decimal Degrees: -122.62092  
Coordinate Point Areal Extent Code: 2  
Horizontal Accuracy Code: 8  
Coordinate Point Geographic Position Code: 99  
Location Verified Code: Y

Actual:  
108 ft.

Geographic location identifier (alias facid): 156  
Facility Name: EDUCATIONAL SERVICE CENTER  
Latitude Decimal Degrees: 47.374859999999998  
Longitude Decimal Degrees: -122.62092  
Coordinate Point Areal Extent Code: 2  
Horizontal Accuracy Code: 8  
Coordinate Point Geographic Position Code: 99  
Location Verified Code: Y

CSCSL NFA:

Facility/Site Id: 156  
NFA Type: NFA after assessment, IRAP, or VCP  
NFA Date: 3/5/1999  
Rank: Not reported  
Alternate Name: Alternate Names: , PENINSULA SCHOOL DIST, PENINSULA SCHOOL DISTRICT-BUS BARN

VCP:

edr\_fstat: WA  
edr\_fzip: 98335  
edr\_fcnty: PIERCE  
edr\_zip: 98332-8607  
Facility ID: 156  
VCP Status: Not reported  
VCP: Y  
Ecology Status: Not reported  
NFA Type: NFA after assessment, IRAP, or VCP  
Date NFA: 3/5/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

PENINSULA SCHOOL DISTRICT #401 (Continued)

S108024734

Rank: Not reported

B8  
SE  
1/4-1/2  
0.418 mi.  
2209 ft.

PENINSULA SCHOOL DIST. TRANSPORTATION FACILITY  
14015 62ND AVE. NW  
GIG HARBOR, WA 98332  
Site 2 of 2 in cluster B

ICR S104487207  
N/A

Relative:  
Higher

Actual:  
108 ft.

ICR:  
Date Ecology Received Report: 04/14/95  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Spill  
Region: South Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 93-50  
County Code: 27  
Contact: Not reported  
Report Title: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GIG HARBOR	S110037396	ANTHEM SELF STORAGE	13120 SR 302 KN	98329	ALLSITES
GIG HARBOR	S109557324	HARBOR TOWN MARINA	3525TH & 3518 HARBORVIEW DR	98332	ALLSITES
GIG HARBOR	S108165071	GIG HARBOR NORTH THE DWELLING CO	11400 N 51ST AVE NW	98332	NPDES
GIG HARBOR	1012132575	HARBOR TOWN MARINA	3525 AND 3518 HARBORVIEW DRIVE	98332	FINDS
GIG HARBOR	S109553576	CENEX HARVEST STATES GIG HARBOR	15824 66TH AVE NW	98332	ALLSITES
GIG HARBOR	S107673036	HEMLEY S SEPTIC SYSTEM	14515 54TH AVE		SWFLF, SPILLS
GIG HARBOR	S110037319	GIG HARBOR HOPE CENTER	8500 BLOCK OF SKANSIE AVE	98332	ALLSITES
GIG HARBOR	S109554234	ABSOLUTE AUTO CARE	9707 KEY PENINSULA HWY N	98329	ALLSITES
GIG HARBOR	S110038682	COMMUNITY BIBLE FELLOWSHIP CHURCH	13703 KEY PENINSULA HWY	98329	ALLSITES
GIG HARBOR	S110038490	HARBOR HILL DEVELOPMENT	NEAR 51ST / BORGEN BLVD		ALLSITES
GIG HARBOR	S108165161	HARBOR HILL DEVELOPMENT	NEAR 51ST & BORGEN BLVD		NPDES
GIG HARBOR	S110040121	GIG HARBOR NORTH THE DWELLING CO	N OF 11400 51ST AVE NW	98332	ALLSITES
PORT ORCHARD	1007073278		WAUNA HWY & KEY PENINSULA HWY		
PORT ORCHARD	1005445403		7360 HWY 3 SW	98329	FINDS, ALLSITES, CSCSL NFA
PORT ORCHARD	1007069626		SW BERRY LAKE RD	98367	RCRA-NonGen, FINDS, ALLSITES,
PORT ORCHARD	1007075900		3062 SW HWY 16	98367	CSCSL NFA, VCP
PORT ORCHARD	S110038692	PAIJE PROPERTIES INDUSTRIAL BLDGS	5121 ST HWY 3 NW	98367	FINDS, CSCSL, ALLSITES
PORT ORCHARD	1012141575	GIG HARBOR INDUSTRIAL SITE	LOT 15 MATRIX LOOP RD	98367	ALLSITES
PORT ORCHARD	S109824717	GIG HARBOR INDUSTRIAL SITE	LOT 15 MATRIX LOOP RD	98367	FINDS
PORT ORCHARD	S103503688	JACKPOT #363	3302 STATE HIGHWAY 16	98367	ALLSITES, CSCSL NFA
PORT ORCHARD	S109553056	ALPINE EVERGREEN INC	7124 STATE HIGHWAY 3 SW	98367	ICR
PORT ORCHARD	S110039173	AVIAN AERONAUTICS INC	8900 STATE HIGHWAY 3 SW	98367	ALLSITES

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### *Federal NPL site list*

#### NPL: National Priority List

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

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### **DELISTED NPL: National Priority List Deletions**

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

Date of Government Version: 10/01/2009	Source: EPA
Date Data Arrived at EDR: 10/14/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/28/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Quarterly

### **FEDERAL FACILITY: Federal Facility Site Information listing**

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 10/03/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/10/2009	Telephone: 703-603-8704
Date Made Active in Reports: 09/29/2009	Last EDR Contact: 10/16/2009
Number of Days to Update: 81	Next Scheduled EDR Contact: 01/25/2010
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. 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.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/24/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

### **CORRACTS: Corrective Action Report**

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/15/2009	Source: EPA
Date Data Arrived at EDR: 09/22/2009	Telephone: 800-424-9346
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

## *Federal RCRA generators list*

### RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 12/17/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Varies

## *Federal institutional controls / engineering controls registries*

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

## US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

## *Federal ERNS list*

### ERNS: Emergency Response Notification System

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

Date of Government Version: 08/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/17/2009	Telephone: 202-267-2180
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 10/06/2009
Number of Days to Update: 53	Next Scheduled EDR Contact: 01/18/2010
	Data Release Frequency: Annually

## *State- and tribal - equivalent NPL*

### HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 08/19/2009	Source: Department of Ecology
Date Data Arrived at EDR: 09/04/2009	Telephone: 360-407-7200
Date Made Active in Reports: 09/22/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Semi-Annually

## *State- and tribal - equivalent CERCLIS*

### CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/27/2009	Source: Department of Ecology
Date Data Arrived at EDR: 10/29/2009	Telephone: 360-407-7200
Date Made Active in Reports: 11/25/2009	Last EDR Contact: 10/29/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/08/2010
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### SWF/LF: Solid Waste Facility Database

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

Date of Government Version: 09/29/2009	Source: Department of Ecology
Date Data Arrived at EDR: 09/29/2009	Telephone: 360-407-6132
Date Made Active in Reports: 10/14/2009	Last EDR Contact: 12/28/2009
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Annually

## *State and tribal leaking storage tank lists*

### LUST: Leaking Underground Storage Tanks Site List

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

Date of Government Version: 11/23/2009	Source: Department of Ecology
Date Data Arrived at EDR: 11/23/2009	Telephone: 360-407-7183
Date Made Active in Reports: 12/03/2009	Last EDR Contact: 11/23/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 03/08/2010
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/24/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/25/2009	Telephone: 415-972-3372
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

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

Date of Government Version: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-8677
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 11/10/2009	Source: EPA Region 10
Date Data Arrived at EDR: 11/12/2009	Telephone: 206-553-2857
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-6597
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

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

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 11/04/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6271
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Quarterly

### *State and tribal registered storage tank lists*

#### UST: Underground Storage Tank Database

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

Date of Government Version: 11/24/2009	Source: Department of Ecology
Date Data Arrived at EDR: 11/25/2009	Telephone: 360-407-7183
Date Made Active in Reports: 12/22/2009	Last EDR Contact: 11/25/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/08/2010
	Data Release Frequency: Quarterly

#### AST: Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 05/27/2009	Source: Department of Ecology
Date Data Arrived at EDR: 05/28/2009	Telephone: 360-407-7562
Date Made Active in Reports: 06/19/2009	Last EDR Contact: 11/09/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Varies

#### INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-9424
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 10/30/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/12/2009

Date Data Arrived at EDR: 11/20/2009

Date Made Active in Reports: 12/16/2009

Number of Days to Update: 26

Source: EPA Region 9

Telephone: 415-972-3368

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Quarterly

## INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/01/2009

Date Data Arrived at EDR: 12/01/2009

Date Made Active in Reports: 12/16/2009

Number of Days to Update: 15

Source: EPA Region 8

Telephone: 303-312-6137

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/10/2009

Date Data Arrived at EDR: 11/12/2009

Date Made Active in Reports: 12/16/2009

Number of Days to Update: 34

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Quarterly

## INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/19/2009

Date Data Arrived at EDR: 02/19/2009

Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA, Region 1

Telephone: 617-918-1313

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/05/2009

Date Data Arrived at EDR: 11/05/2009

Date Made Active in Reports: 12/16/2009

Number of Days to Update: 41

Source: EPA Region 5

Telephone: 312-886-6136

Last EDR Contact: 10/22/2009

Next Scheduled EDR Contact: 11/16/2009

Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/12/2009

Date Data Arrived at EDR: 11/12/2009

Date Made Active in Reports: 12/16/2009

Number of Days to Update: 34

Source: EPA Region 6

Telephone: 214-665-7591

Last EDR Contact: 10/30/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2008

Date Data Arrived at EDR: 12/30/2008

Date Made Active in Reports: 03/16/2009

Number of Days to Update: 76

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 11/04/2009

Next Scheduled EDR Contact: 02/15/2010

Data Release Frequency: Varies

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/01/2009

Date Data Arrived at EDR: 10/29/2009

Date Made Active in Reports: 12/16/2009

Number of Days to Update: 48

Source: FEMA

Telephone: 202-646-5797

Last EDR Contact: 10/19/2009

Next Scheduled EDR Contact: 02/01/2010

Data Release Frequency: Varies

## State and tribal institutional control / engineering control registries

### INST CONTROL: Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 11/17/2009

Date Data Arrived at EDR: 11/18/2009

Date Made Active in Reports: 11/25/2009

Number of Days to Update: 7

Source: Department of Ecology

Telephone: 360-407-7170

Last EDR Contact: 11/18/2009

Next Scheduled EDR Contact: 03/01/2010

Data Release Frequency: Varies

## State and tribal voluntary cleanup sites

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 04/02/2008

Date Data Arrived at EDR: 04/22/2008

Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 1

Telephone: 617-918-1102

Last EDR Contact: 10/05/2009

Next Scheduled EDR Contact: 01/18/2010

Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 10/27/2009

Date Data Arrived at EDR: 10/29/2009

Date Made Active in Reports: 11/25/2009

Number of Days to Update: 27

Source: Department of Ecology

Telephone: 360-407-7200

Last EDR Contact: 10/27/2009

Next Scheduled EDR Contact: 02/08/2010

Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008

Date Data Arrived at EDR: 04/22/2008

Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7

Telephone: 913-551-7365

Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICR: Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002	Source: Department of Ecology
Date Data Arrived at EDR: 01/03/2003	Telephone: 360-407-7200
Date Made Active in Reports: 01/22/2003	Last EDR Contact: 08/10/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/09/2009
	Data Release Frequency: No Update Planned

## State and tribal Brownfields sites

### BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 10/27/2009	Source: Department of Ecology
Date Data Arrived at EDR: 10/29/2009	Telephone: 360-725-4030
Date Made Active in Reports: 11/25/2009	Last EDR Contact: 10/29/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/08/2010
	Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

#### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/04/2009	Telephone: 202-566-2777
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 11/04/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 01/11/2010
	Data Release Frequency: Semi-Annually

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

#### ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-972-3336
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/18/2009
Number of Days to Update: 137	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Varies

## SWTIRE: Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005	Source: Department of Ecology
Date Data Arrived at EDR: 03/16/2006	Telephone: N/A
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 12/14/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/09/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/01/2009	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/22/2009	Telephone: 202-307-1000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Quarterly

### ALLSITES: Facility/Site Identification System Listing

Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 11/07/2009	Source: Department of Ecology
Date Data Arrived at EDR: 11/10/2009	Telephone: 360-407-6423
Date Made Active in Reports: 11/25/2009	Last EDR Contact: 11/10/2009
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Quarterly

### CSCSL NFA: Confirmed and Contaminated Sites - No Further Action

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 10/29/2009  
Date Made Active in Reports: 12/03/2009  
Number of Days to Update: 35

Source: Department of Ecology  
Telephone: 360-407-7170  
Last EDR Contact: 10/29/2009  
Next Scheduled EDR Contact: 02/08/2010  
Data Release Frequency: Semi-Annually

## CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 02/09/2009  
Date Data Arrived at EDR: 03/18/2009  
Date Made Active in Reports: 03/24/2009  
Number of Days to Update: 6

Source: Department of Health  
Telephone: 360-236-3380  
Last EDR Contact: 11/17/2009  
Next Scheduled EDR Contact: 03/01/2010  
Data Release Frequency: Varies

## HIST CDL: List of Sites Contaminated by Clandestine Drug Labs

This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007  
Date Data Arrived at EDR: 06/26/2007  
Date Made Active in Reports: 07/19/2007  
Number of Days to Update: 23

Source: Department of Health  
Telephone: 360-236-3381  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

## US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

## Local Land Records

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 11/03/2009  
Date Data Arrived at EDR: 11/05/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 11/02/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 11/20/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Records of Emergency Release Reports**

### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 10/05/2009

Source: U.S. Department of Transportation

Date Data Arrived at EDR: 10/05/2009

Telephone: 202-366-4555

Date Made Active in Reports: 11/09/2009

Last EDR Contact: 10/05/2009

Number of Days to Update: 35

Next Scheduled EDR Contact: 01/11/2010

Data Release Frequency: Annually

### **SPILLS: Reported Spills**

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 09/24/2009

Source: Department of Ecology

Date Data Arrived at EDR: 09/24/2009

Telephone: 360-407-6950

Date Made Active in Reports: 10/14/2009

Last EDR Contact: 12/28/2009

Number of Days to Update: 20

Next Scheduled EDR Contact: 03/29/2010

Data Release Frequency: Semi-Annually

## **Other Ascertainable Records**

### **RCRA-NonGen: RCRA - Non Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008

Source: Environmental Protection Agency

Date Data Arrived at EDR: 11/18/2008

Telephone: (206) 553-1200

Date Made Active in Reports: 03/16/2009

Last EDR Contact: 12/17/2009

Number of Days to Update: 118

Next Scheduled EDR Contact: 01/18/2010

Data Release Frequency: Varies

### **DOT OPS: Incident and Accident Data**

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

Date of Government Version: 10/13/2009

Source: Department of Transportation, Office of Pipeline Safety

Date Data Arrived at EDR: 11/10/2009

Telephone: 202-366-4595

Date Made Active in Reports: 12/16/2009

Last EDR Contact: 11/10/2009

Number of Days to Update: 36

Next Scheduled EDR Contact: 02/22/2010

Data Release Frequency: Varies

### **DOD: Department of Defense Sites**

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

Date of Government Version: 12/31/2005

Source: USGS

Date Data Arrived at EDR: 11/10/2006

Telephone: 703-692-8801

Date Made Active in Reports: 01/11/2007

Last EDR Contact: 10/23/2009

Number of Days to Update: 62

Next Scheduled EDR Contact: 02/01/2010

Data Release Frequency: Semi-Annually

### **FUDS: Formerly Used Defense Sites**

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

Date of Government Version: 12/31/2008

Source: U.S. Army Corps of Engineers

Date Data Arrived at EDR: 09/30/2009

Telephone: 202-528-4285

Date Made Active in Reports: 12/01/2009

Last EDR Contact: 12/18/2009

Number of Days to Update: 62

Next Scheduled EDR Contact: 03/29/2010

Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 08/03/2009  
Date Data Arrived at EDR: 10/27/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 13

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 10/06/2009  
Next Scheduled EDR Contact: 01/18/2010  
Data Release Frequency: Varies

### ROD: Records Of Decision

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

Date of Government Version: 09/01/2009  
Date Data Arrived at EDR: 09/22/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 30

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/15/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 01/05/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 05/08/2009  
Number of Days to Update: 1

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 12/23/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Varies

### MINES: Mines Master Index File

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

Date of Government Version: 08/07/2009  
Date Data Arrived at EDR: 09/18/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 52

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/08/2009  
Next Scheduled EDR Contact: 03/22/2010  
Data Release Frequency: Semi-Annually

### TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 04/09/2009  
Date Made Active in Reports: 06/17/2009  
Number of Days to Update: 69

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 12/01/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Annually

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002  
Date Data Arrived at EDR: 04/14/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 46

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/29/2009  
Next Scheduled EDR Contact: 04/12/2010  
Data Release Frequency: Every 4 Years

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 12/14/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 12/14/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Quarterly

**HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing**

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

**SSTS: Section 7 Tracking Systems**

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

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 05/19/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 125

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 11/02/2009  
Next Scheduled EDR Contact: 02/15/2010  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 02/19/2009  
Date Made Active in Reports: 05/22/2009  
Number of Days to Update: 92

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/20/2009  
Next Scheduled EDR Contact: 03/05/2010  
Data Release Frequency: Biennially

### UIC: Underground Injection Wells Listing

A listing of underground injection wells.

Date of Government Version: 11/23/2009  
Date Data Arrived at EDR: 11/23/2009  
Date Made Active in Reports: 12/03/2009  
Number of Days to Update: 10

Source: Department of Ecology  
Telephone: 360-407-6143  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Varies

### WA MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 06/05/2009  
Date Made Active in Reports: 06/19/2009  
Number of Days to Update: 14

Source: Department of Ecology  
Telephone: N/A  
Last EDR Contact: 10/23/2009  
Next Scheduled EDR Contact: 02/08/2010  
Data Release Frequency: Annually

### DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 06/05/2009  
Date Made Active in Reports: 06/19/2009  
Number of Days to Update: 14

Source: Department of Ecology  
Telephone: 360-407-6732  
Last EDR Contact: 10/23/2009  
Next Scheduled EDR Contact: 02/08/2010  
Data Release Frequency: Varies

### NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 10/29/2009  
Date Made Active in Reports: 11/25/2009  
Number of Days to Update: 27

Source: Department of Ecology  
Telephone: 360-407-6073  
Last EDR Contact: 10/29/2009  
Next Scheduled EDR Contact: 02/08/2010  
Data Release Frequency: Quarterly

### AIRS (EMI): Washington Emissions Data System Emissions inventory data.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 01/15/2009  
Date Made Active in Reports: 03/24/2009  
Number of Days to Update: 68

Source: Department of Ecology  
Telephone: 360-407-6040  
Last EDR Contact: 12/28/2009  
Next Scheduled EDR Contact: 04/12/2010  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 12/31/2008	Source: Department of Ecology
Date Data Arrived at EDR: 06/09/2009	Telephone: 360-407-6732
Date Made Active in Reports: 06/19/2009	Last EDR Contact: 10/23/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/08/2010
	Data Release Frequency: Annually

### INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/23/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 09/09/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/09/2009	Telephone: 615-532-8599
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 11/09/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/08/2010
	Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/23/2009
Number of Days to Update: 339	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: N/A

### COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/29/2009	Source: Department of Ecology
Date Data Arrived at EDR: 07/02/2009	Telephone: 360-407-6933
Date Made Active in Reports: 07/08/2009	Last EDR Contact: 12/28/2009
Number of Days to Update: 6	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

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

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/23/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 02/01/2010
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 09/21/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/25/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/15/2009
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 100	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

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

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

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

## COUNTY RECORDS

### KING COUNTY:

#### Abandoned Landfill Study in King County

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985	Source: Seattle-King County Department of Public Health
Date Data Arrived at EDR: 11/07/1994	Telephone: 206-296-4785
Date Made Active in Reports: N/A	Last EDR Contact: 10/21/1994
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### SEATTLE COUNTY:

#### Abandoned Landfill Study in the City of Seattle

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/1984  
Date Data Arrived at EDR: 11/07/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 10/21/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### SEATTLE/KING COUNTY:

#### Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986  
Date Data Arrived at EDR: 08/18/1995  
Date Made Active in Reports: 09/20/1995  
Number of Days to Update: 33

Source: Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 08/14/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### SNOHOMISH COUNTY:

#### Solid Waste Sites of Record at Snohomish Health District

Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 10/01/2008  
Date Data Arrived at EDR: 01/30/2009  
Date Made Active in Reports: 03/24/2009  
Number of Days to Update: 53

Source: Snohomish Health District  
Telephone: 206-339-5250  
Last EDR Contact: 10/08/2009  
Next Scheduled EDR Contact: 01/11/2010  
Data Release Frequency: Semi-Annually

### TACOMA/PIERCE COUNTY:

#### Closed Landfill Survey

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002  
Date Data Arrived at EDR: 03/24/2003  
Date Made Active in Reports: 05/14/2003  
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department  
Telephone: 206-591-6500  
Last EDR Contact: 03/19/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### OTHER DATABASE(S)

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

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/11/2009  
Number of Days to Update: 16

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/24/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 11/10/2009  
Date Made Active in Reports: 12/09/2009  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/10/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 12/01/2009  
Date Made Active in Reports: 12/14/2009  
Number of Days to Update: 13

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 07/17/2009  
Date Made Active in Reports: 08/10/2009  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/21/2009  
Next Scheduled EDR Contact: 04/05/2010  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

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

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Daycare Center Listing

Source: Department of Social & Health Services

Telephone: 253-383-1735

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

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## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

GIG HARBOR TRANSMISSION  
14610 PURDY DR NW  
GIG HARBOR, WA 98332

### TARGET PROPERTY COORDINATES

Latitude (North):	47.39130 - 47° 23' 28.7"
Longitude (West):	122.6261 - 122° 37' 34.0"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	528218.6
UTM Y (Meters):	5248498.5
Elevation:	56 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	47122-D6 BURLEY, WA
Most Recent Revision:	1994
East Map:	47122-D5 OLALLA, WA
Most Recent Revision:	1994

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

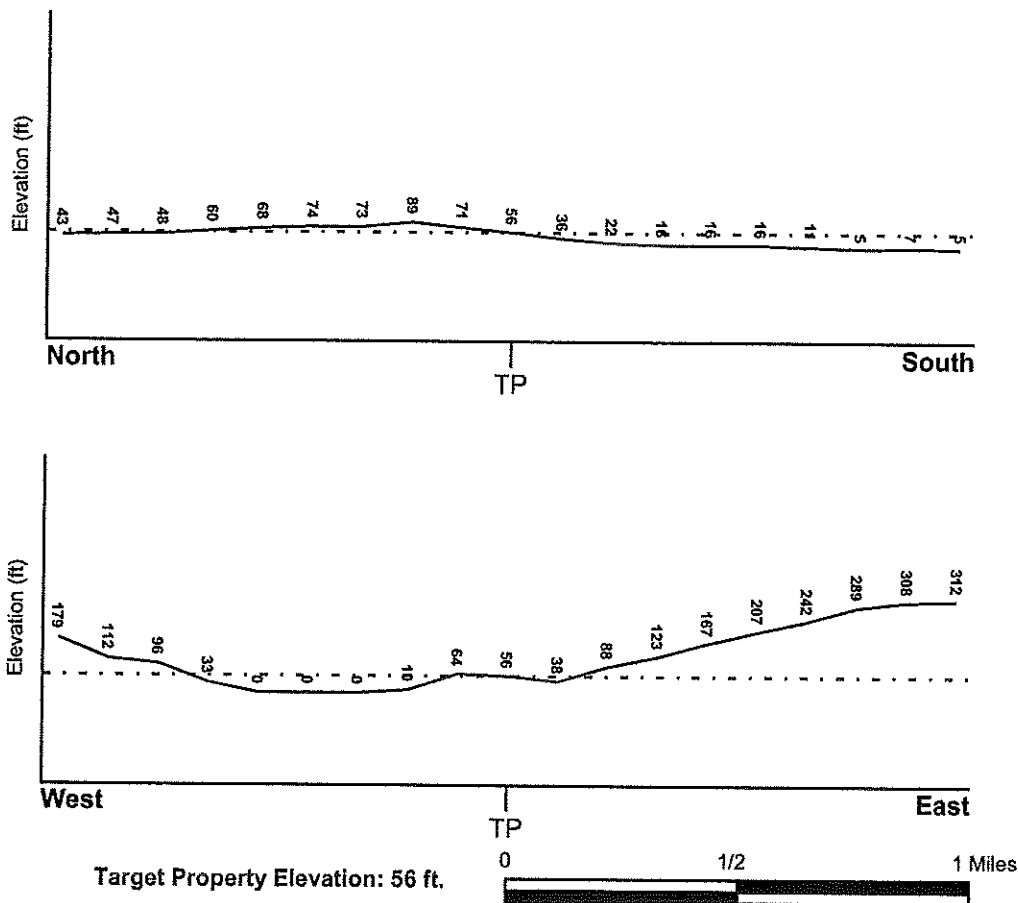
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

Target Property County  
PIERCE, WA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 5301380075C

Additional Panels in search area: 5300920390B  
5301380050C

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
OLALLA

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile East
Site Name:	PURDY LANDFILL
Site EPA ID Number:	WAD980977532
Groundwater Flow Direction:	WNW TO WSW IN THE SHALLOW AQUIFER SYSTEM
Inferred Depth to Water:	5 feet to 10 feet
Hydraulic Connection:	The near-surface deposits include a till that is a few feet to 50 feet thick, and sand and gravel deposits underlying or interbedded with the till that may be 20 feet to 90 feet thick.
Sole Source Aquifer:	A sole source aquifer is not present at or near the site
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

\* ©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

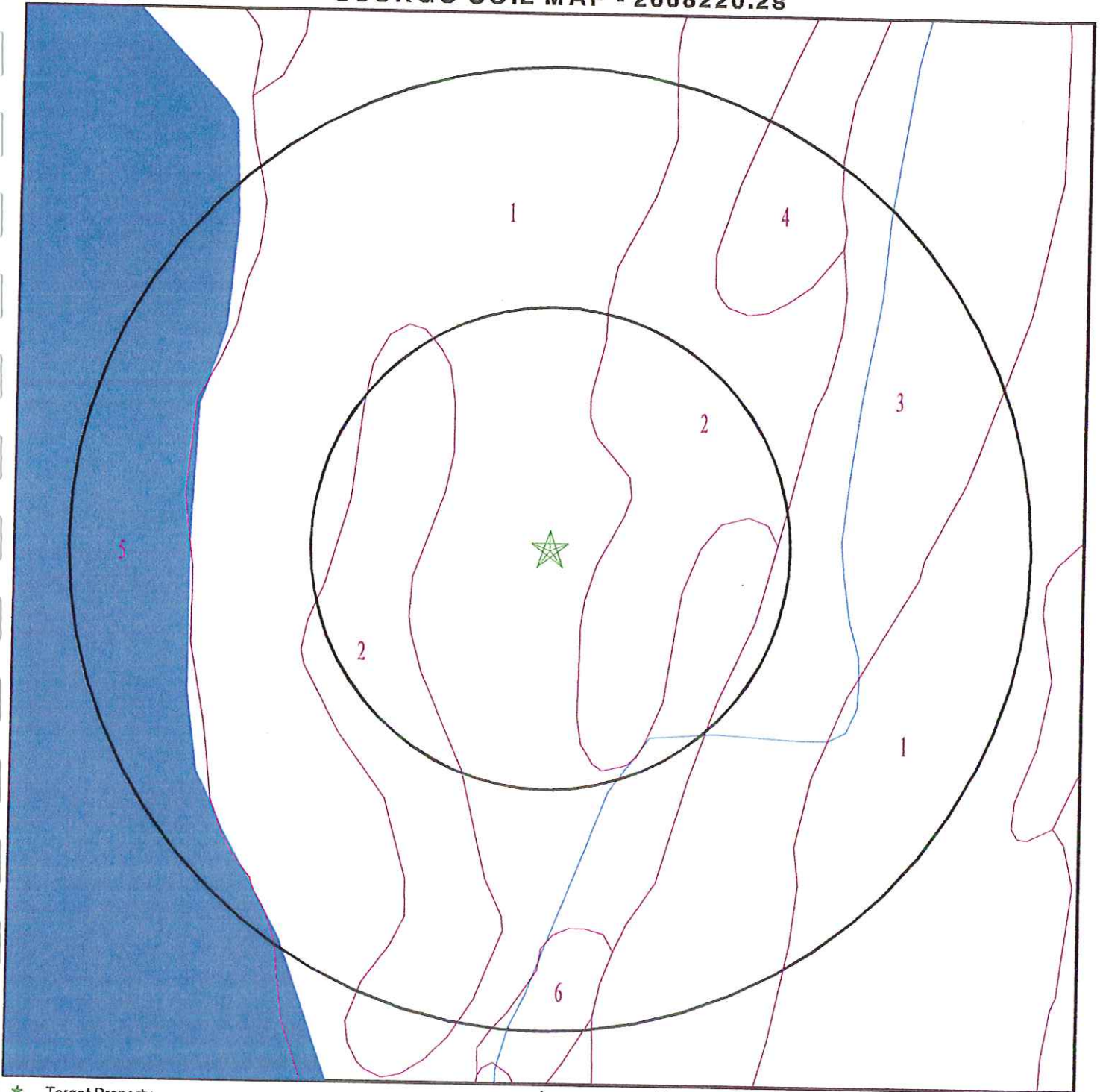
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

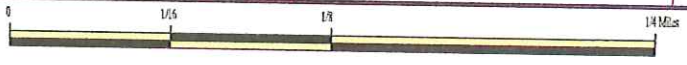
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 2668220.2s



- ★ Target Property
- ∕∕ SSURGO Soil
- ∕∕ Water



SITE NAME: Gig Harbor Transmission  
ADDRESS: 14610 Purdy Dr NW  
Gig Harbor WA 98332  
LAT/LONG: 47.3913 / 122.6261

CLIENT: Alkai Consulting, LLC  
CONTACT: George Webster  
INQUIRY #: 2668220.2s  
DATE: December 30, 2009 1:25 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

**Soil Map ID: 1**

Soil Component Name: Harstine

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
2	5 inches	31 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
3	31 inches	59 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: Neilton

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 705 Min: 141	Max: 7.3 Min: 5.6
2	3 inches	20 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 705 Min: 141	Max: 7.3 Min: 5.6
3	20 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 705 Min: 141	Max: 7.3 Min: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 3**

Soil Component Name: Harstine

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
2	5 inches	31 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
3	31 inches	59 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 4**

Soil Component Name: Harstine

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
2	5 inches	31 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
3	31 inches	59 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 5

Soil Component Name: Water

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 6

Soil Component Name: Hydraquents

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5 Min: 3.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	59 inches	stratified fine sandy loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5 Min: 3.6

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS3274941	1/8 - 1/4 Mile SW
A4	USGS3274919	1/8 - 1/4 Mile SW
A5	USGS3274933	1/8 - 1/4 Mile SW
A6	USGS3274927	1/8 - 1/4 Mile SW
B8	USGS3274908	1/8 - 1/4 Mile SSW
B10	USGS3274881	1/8 - 1/4 Mile South
13	USGS3274832	1/4 - 1/2 Mile SSE
14	USGS3275044	1/4 - 1/2 Mile NE
15	USGS3274823	1/4 - 1/2 Mile SSE
C17	USGS3275075	1/4 - 1/2 Mile North
C18	USGS3275092	1/4 - 1/2 Mile North
D19	USGS3274766	1/4 - 1/2 Mile SSW
C21	USGS3275093	1/4 - 1/2 Mile North
C25	USGS3275103	1/4 - 1/2 Mile North
28	USGS3274893	1/2 - 1 Mile ESE
F29	USGS3274948	1/2 - 1 Mile West
F30	USGS3273031	1/2 - 1 Mile West

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H33	USGS3274784	1/2 - 1 Mile SE
G34	USGS3275128	1/2 - 1 Mile North
I35	USGS3274872	1/2 - 1 Mile WSW
37	USGS3275010	1/2 - 1 Mile WNW
40	USGS3275127	1/2 - 1 Mile NNE
J41	USGS3275144	1/2 - 1 Mile North
J42	USGS3275168	1/2 - 1 Mile North
K43	USGS3274928	1/2 - 1 Mile West
47	USGS3275094	1/2 - 1 Mile NW
48	USGS3274833	1/2 - 1 Mile WSW
49	USGS3274795	1/2 - 1 Mile SW
50	USGS3275020	1/2 - 1 Mile WNW
K51	USGS3274934	1/2 - 1 Mile West
52	USGS3274871	1/2 - 1 Mile ESE
L53	USGS3275174	1/2 - 1 Mile North
54	USGS3275143	1/2 - 1 Mile NNE
57	USGS3275137	1/2 - 1 Mile NNW
60	USGS3275117	1/2 - 1 Mile NW
N64	USGS3274851	1/2 - 1 Mile WSW
66	USGS3274654	1/2 - 1 Mile South
O67	USGS3275187	1/2 - 1 Mile North
O68	USGS3275233	1/2 - 1 Mile North
70	USGS3275028	1/2 - 1 Mile ENE
71	USGS3275163	1/2 - 1 Mile NW
72	USGS3274923	1/2 - 1 Mile East
74	USGS3275232	1/2 - 1 Mile NNE
75	USGS3275202	1/2 - 1 Mile NNW
P76	USGS3274613	1/2 - 1 Mile South
77	USGS3274631	1/2 - 1 Mile SSE
80	USGS3274957	1/2 - 1 Mile West
82	USGS3274706	1/2 - 1 Mile SW

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

### STATE DATABASE WELL INFORMATION

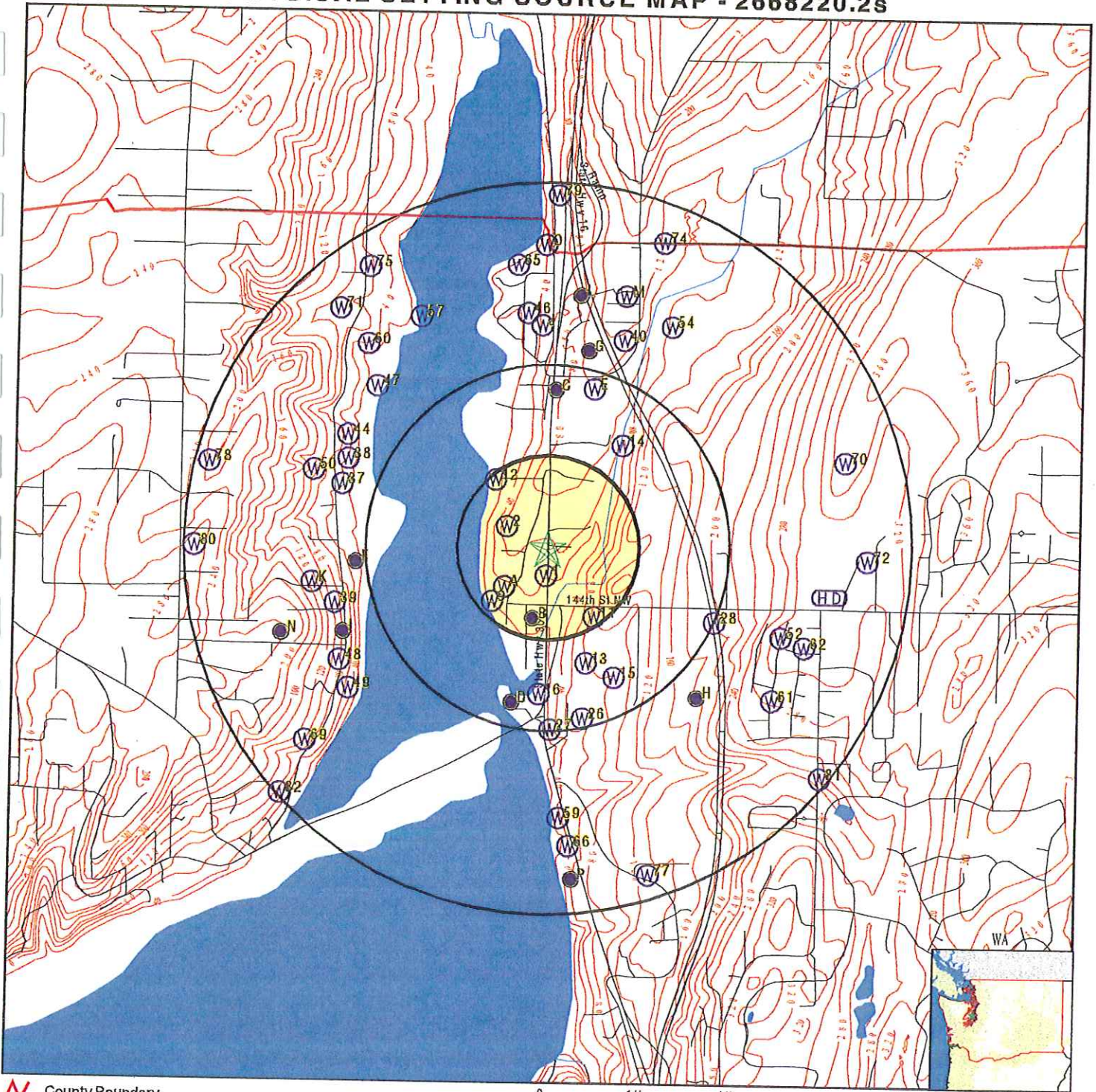
MAP ID	WELL ID	LOCATION FROM TP
1	WA5000000011381	0 - 1/8 Mile South
2	WA5000000011417	1/8 - 1/4 Mile WNW
B7	WA5000000011351	1/8 - 1/4 Mile SSW
9	WA5000000011367	1/8 - 1/4 Mile SW
11	WA5000000011348	1/8 - 1/4 Mile SE
12	WA5000000011445	1/8 - 1/4 Mile NW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

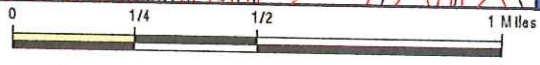
MAP ID	WELL ID	LOCATION FROM TP
16	WA5000000011295	1/4 - 1/2 Mile South
C20	WA5000000011526	1/4 - 1/2 Mile North
E22	WA5000000011531	1/4 - 1/2 Mile NNE
D23	WA5000000011280	1/4 - 1/2 Mile SSW
E24	WA5000000011535	1/4 - 1/2 Mile NNE
26	WA5000000011274	1/4 - 1/2 Mile SSE
27	WA5000000011264	1/4 - 1/2 Mile South
G31	WA5000000011555	1/2 - 1 Mile NNE
F32	WA5000000011398	1/2 - 1 Mile West
H36	WA5000000011296	1/2 - 1 Mile SE
38	WA5000000011472	1/2 - 1 Mile WNW
39	WA5000000011362	1/2 - 1 Mile WSW
44	WA5000000011499	1/2 - 1 Mile WNW
I45	WA5000000011343	1/2 - 1 Mile WSW
46	WA5000000011584	1/2 - 1 Mile North
L55	WA5000000011593	1/2 - 1 Mile North
M56	WA5000000011588	1/2 - 1 Mile NNE
M58	WA5000000011594	1/2 - 1 Mile NNE
59	WA5000000011204	1/2 - 1 Mile South
61	WA5000000011292	1/2 - 1 Mile ESE
62	WA5000000011327	1/2 - 1 Mile ESE
N63	WA5000000011337	1/2 - 1 Mile WSW
65	WA5000000011608	1/2 - 1 Mile North
69	WA5000000011248	1/2 - 1 Mile SW
P73	WA5000000011145	1/2 - 1 Mile South
78	WA5000000011468	1/2 - 1 Mile WNW
79	WA5000000011646	1/2 - 1 Mile North
81	WA5000000011241	1/2 - 1 Mile SE

# PHYSICAL SETTING SOURCE MAP - 2668220.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



SITE NAME: Gig Harbor Transmission  
 ADDRESS: 14610 Purdy Dr NW  
 Gig Harbor WA 98332  
 LAT/LONG: 47.3913 / 122.6261

CLIENT: Alkai Consulting, LLC  
 CONTACT: George Webster  
 INQUIRY #: 2668220.2s  
 DATE: December 30, 2009 1:25 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**South**  
**0 - 1/8 Mile**  
**Lower**

**WA WELLS      WA5000000011381**

Objectid:	25824	Srcid:	138429
Srcrootid:	25933	Wsorgid:	87358
Wsleid:	142164	Wslrootid:	67187
Pwsid:	94930	Srcnum:	01
Pwssrcid:	9493001	Systemname:	WEST WYND
Systemgrp:	A	Systemtype:	Community
Sourcenam:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	6703 144TH ST NW
Contphone:	(253) 857-4047	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	30		
Treated:	Not Reported	Suscept:	Moderate
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.390195		
Longitude:	-122.626176		
Limethod:	GPS	Site id:	WA5000000011381

**2**  
**WNW**  
**1/8 - 1/4 Mile**  
**Higher**

**WA WELLS      WA5000000011417**

Objectid:	7158	Srcid:	7215
Srcrootid:	7215	Wsorgid:	14696
Wsleid:	53313	Wslrootid:	53313
Pwsid:	06541	Srcnum:	01
Pwssrcid:	0654101	Systemname:	WESTBY WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcenam:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	14714 SHERMAN DR NW
Contphone:	(253) 857-3499	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98332
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	20		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.392128		
Longitude:	-122.628512		
Limethod:	GPS	Site id:	WA5000000011417

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A3**  
**SW**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS3274941**

Agency cd:	USGS	Site no:	472325122373701
Site name:	22N/01E-13N04	EDR Site id:	USGS3274941
Latitude:	472325	Dec lat:	47.39009637
Longitude:	1223737	Coor meth:	M
Dec lon:	-122.62818822	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	35		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19800305
Date inventoried:	19800318	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	38.2	Hole depth:	39
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1980-03-10	Ground water data end date:	1980-03-10
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	--------------------	------------------

1980-03-10

Note: The site was flowing, but the head could not be measured without additional equipment.

**A4**  
**SW**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS3274919**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472321122374201
Site name:	22N/01E-13N01	EDR Site id:	USGS3274919
Latitude:	472323	Dec lat:	47.38954081
Longitude:	1223738	Coor meth:	M
Dec lon:	-122.62846599	Latlong datum:	NAD27
Coor accr:	S	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	5		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19400101
Date inventoried:	19780508	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	180	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1978-05-08
Water quality data end date:	1978-05-08	Water quality data count:	1
Ground water data begin date:	1968-05-01	Ground water data end date:	1968-05-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1968-05-01

Note: The site was flowing, but the head could not be measured without additional equipment.

**A5**  
**SW**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS3274933**

Agency cd:	USGS	Site no:	472324122374001
Site name:	22N/01E-13N02	EDR Site id:	USGS3274933
Latitude:	472324	Dec lat:	47.38981858
Longitude:	1223740	Coor meth:	M
Dec lon:	-122.62902158	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 20  
 Altitude method: Interpolated from topographic map  
 Altitude accuracy: 10  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: Puget Sound. Washington. Area = 2550 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19520725  
 Date inventoried: 19650423 Mean greenwch time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 74 Hole depth: Not Reported  
 Source of depth data: owner  
 Project number: Not Reported  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1952-07-25 Ground water data end date: 1952-07-25  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	--------------------	------------------

1952-07-25

Note: The site was flowing, but the head could not be measured without additional equipment.

**A6  
SW  
1/8 - 1/4 Mile  
Lower**

**FED USGS USGS3274927**

Agency cd: USGS	Site no: 472323122373401	
Site name: 22N/01E-13N03	EDR Site id: USGS3274927	
Latitude: 472323	Dec lat: 47.38954081	
Longitude: 1223739	Coor meth: M	
Dec lon: -122.62874378	Latlong datum: NAD27	
Coor accr: F	District: 53	
Dec latlong datum: NAD83	County: 053	
State: 53	Land net: SW SW S13 T22N R01E W	
Country: US	Map scale: 24000	
Location map: BURLEY		
Altitude: 25		
Altitude method: Interpolated from topographic map		
Altitude accuracy: 10		
Altitude datum: National Geodetic Vertical Datum of 1929		
Hydrologic: Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic: Hillside (slope)		
Site type: Ground-water other than Spring Date construction: 19750728		
Date inventoried: 19851115 Mean greenwch time offset: PST		
Local standard time flag: Y		
Type of ground water site: Single well, other than collector or Ranney type		
Aquifer Type: Not Reported		
Aquifer: Not Reported		
Well depth: 40 Hole depth: 40		
Source of depth data: driller		
Project number: WA20800		
Real time data flag: 0		
Daily flow data end date: 0000-00-00	Daily flow data begin date: 0000-00-00	
Peak flow data begin date: 0000-00-00	Daily flow data count: 0	
	Peak flow data end date: 0000-00-00	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 1968-05-09  
 Ground water data begin date: 1975-07-31  
 Ground water data count: 1

Water quality data begin date: 1968-05-09  
 Water quality data count: 1  
 Ground water data end date: 1975-07-31

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1975-07-31	6	

**B7**  
**SSW**  
 1/8 - 1/4 Mile  
 Lower

**WA WELLS WA5000000011351**

Objectid:	3834	Srcid:	115656
Srcrootid:	3869	Wsorgid:	75701
Wsleid:	129241	Wsleroolid:	50227
Pwsid:	03455	Srcnum:	01
Pwssrcid:	0345501	Systemname:	KNAPP PACIFIC BUILDING WATER
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Source type:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	14110 55TH AVE. N.W.
Contphone:	(222) 333-4444	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98332
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	15		
Treated:	Not Reported	Suscept:	Not Rated
Whptype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.388675		
Longitude:	-122.626909		
Limethod:	GPS	Site id:	WA5000000011351

**B8**  
**SSW**  
 1/8 - 1/4 Mile  
 Lower

**FED USGS USGS3274908**

Agency cd:	USGS	Site no:	472320122373401
Site name:	22N/01E-24D03	EDR Site id:	USGS3274908
Latitude:	472320	Dec lat:	47.3887075
Longitude:	1223734	Coor meth:	M
Dec lon:	-122.62735482	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NW S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	25		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19801103
Date inventoried:	19801111	Mean greenwich time offset:	PST

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	64	Hole depth:	64
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1980-11-09	Ground water data end date:	1980-11-09
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1980-11-09	21	

**9**  
**SW**  
1/8 - 1/4 Mile  
Lower

**WA WELLS    WA5000000011367**

Objectid: 6019	Srcid: 6068
Srcrootid: 6068	Wsorgid: 13645
Wsleid: 52262	Wslrootid: 52262
Pwsid: 05490	Srcnum: 01
Pwssrcid: 0549001	Systemname: MCDONELL WATER SYSTEM
Systemgrp: B	Systemtype: Group B
Sourcename: ARTESIAN WELL	Sourcetype: Well
Sourcelbl: S01 / ARTESIAN WELL	Region: Northwest
Wria: 15	County: PIERCE
Contadd1: Not Reported	Contadd2: 14410 SHERMAN DR NW
Contphone: (253) 857-6202	Contcity: GIG HARBOR
Contstate: WA	Contzipcd: 98332
Sma: Not Reported	Smaname: Not Reported
Usecode: Permanent	
Capacity: 0	
Treated: Not Reported	Suscept: Not Rated
Whpatype: Not Reported	Doewellid: Not Reported
Latitude: 47.389171	
Longitude: -122.629312	
Llmethod: GPS	Site id: WA5000000011367

**B10**  
**South**  
1/8 - 1/4 Mile  
Lower

**FED USGS    USGS3274881**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472318122373101
Site name:	22N/01E-24D02	EDR Site id:	USGS3274881
Latitude:	472318	Dec lat:	47.38815196
Longitude:	1223731	Coor meth:	M
Dec lon:	-122.62652144	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NW S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	10		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Hood Canal, Washington. Area = 957 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring		
Date inventoried:	19750708	Date construction:	19750701
Local standard time flag:	Y	Mean greenwich time offset:	PST
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	75	Hole depth:	85
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1967-06-20	Water quality data begin date:	1967-06-20
Ground water data begin date:	1975-07-08	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1975-07-08

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1975-07-08	-18	

**11**  
**SE**  
**1/8 - 1/4 Mile**  
**Higher**

**WA WELLS    WA5000000011348**

Objectid:	6367	Srcid:	143942
Srcrootid:	6419	Wsorgid:	90051
Wslcid:	145161	Wslrootid:	52574
Pwsid:	05802	Srcnum:	01
Pwssrcid:	0580201	Systemname:	PURDY LANE COMM & GAS STATION
Systemgrp:	A	Systemtype:	Transient Non-Community
Sourcenam:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	PURDY CHEVRON	Contadd2:	14317 PURDY DR NW

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(253) 857-8611	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98332
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	0		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.388586		
Longitude:	-122.623313	Site id:	WA5000000011348
Llmethod:	GPS		

**12**  
NW  
1/8 - 1/4 Mile  
Lower

**WA WELLS    WA5000000011445**

Objectid:	21260	Srcid:	131285
Srrootid:	21405	Wsorgid:	83947
Wsleid:	138445	Wslrootid:	64409
Pwsid:	61650	Srcnum:	01
Pwssrcid:	6165001	Systemname:	BURLEY WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcenam:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Peninsula Light Co Water Dept	Contadd2:	Po Box 78
Contphone:	(253) 857-1511	Contcity:	Gig Harbor
Contstate:	WA	Contzipcd:	983350078
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	48		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.393958		
Longitude:	-122.629224	Site id:	WA5000000011445
Llmethod:	GPS		

**13**  
SSE  
1/4 - 1/2 Mile  
Higher

**FED USGS    USGS3274832**

Agency cd:	USGS	Site no:	472313122372101
Site name:	22N/01E-24C02	EDR Site id:	USGS3274832
Latitude:	472313	Dec lat:	47.38676312
Longitude:	1223721	Coor meth:	M
Dec lon:	-122.62374352	Lalng datum:	NAD27
Coor accr:	F	District:	53
Dec lalng datum:	NAD83	County:	053
State:	53	Land net:	NE NW S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	120		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19571028
Date inventoried:	19751215	Mean greenwich time offset:	PST



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 105  
 Source of depth data: driller  
 Project number: WA20800  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Peak flow data begin date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1957-11-04  
 Ground water data count: 1

Hole depth: 105  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data end date: 0000-00-00  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1957-11-04

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1957-11-04		

1957-11-04

Note: The site was flowing, but the head could not be measured without additional equipment.

14  
NE  
1/4 - 1/2 Mile  
Higher

FED USGS    USGS3275044

Agency cd: USGS	Site no: 472345122371901
Site name: 22N/01E-13L01	EDR Site id: USGS3275044
Latitude: 472344	Dec lat: 47.3953742
Longitude: 1223714	Coor meth: M
Dec lon: -122.62179924	Lalong datum: NAD27
Coor accr: F	District: 53
Dec lalong datum: NAD83	County: 053
State: 53	Land net: NE SW S13 T22N R01E W
Country: US	Map scale: 24000
Location map: OLALLA	
Altitude: 80	
Altitude method: Interpolated from topographic map	
Altitude accuracy: 10	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: Puget Sound, Washington, Area = 2550 sq.mi.	
Topographic: Not Reported	
Site type: Ground-water other than Spring	Date construction: 19640425
Date inventoried: 19650511	Mean greenwich time offset: PST
Local standard time flag: Y	
Type of ground water site: Single well, other than collector or Ranney type	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 58	Hole depth: Not Reported
Source of depth data: owner	
Project number: WA20800	
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1964-04-25	Ground water data end date: 1964-04-25
Ground water data count: 1	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1964-04-25	-32	

**15**  
**SSE**  
1/4 - 1/2 Mile  
Higher

**FED USGS      USGS3274823**

Agency cd:	USGS	Site no:	472311122371501
Site name:	22N/01E-24C01		
Latitude:	472311	EDR Site id:	USGS3274823
Longitude:	1223715	Dec lat:	47.38620759
Dec lon:	-122.62207677	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	053
Country:	US	Land net:	NE NW S24 T22N R01E W
Location map:	OLALLA	Map scale:	24000
Altitude:	75		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460716
Date inventoried:	19530916	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	153	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1967-06-20
Water quality data end date:	1967-06-20	Water quality data count:	1
Ground water data begin date:	1951-01-01	Ground water data end date:	1951-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1951-01-01	33	

**16**  
**South**  
1/4 - 1/2 Mile  
Lower

**WA WELLS      WA5000000011295**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	22669	Srcid:	141569
Srcrootid:	22813	Wsorgid:	88799
Wsleid:	143820	Wslserootid:	65364
Pwsid:	69940	Srcnum:	01
Pwssrcid:	6994001	Systemname:	PURDY SHOPPING CENTER
Systemgrp:	A	Systemtype:	Transient Non-Community
Sourcename:	WELL #1 (ABR137)	Sourcetype:	Well
Sourcebl:	S01 / WELL #1 (ABR137)	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST REGION	Contadd2:	PO BOX 336
Contphone:	(253) 851-4060	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	114	Smaname:	WASHINGTON WATER SERVICE COMPANY
Usecode:	Permanent		
Capacity:	40		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	ABR137
Latitude:	47.385516		
Longitude:	-122.626487		
Llmethod:	GPS	Site id:	WA5000000011295

**C17**  
**North**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS3275075**

Agency cd:	USGS	Site no:	472348122374401
Site name:	22N/01E-13E01	EDR Site id:	USGS3275075
Latitude:	472351	Dec lat:	47.39731857
Longitude:	1223729	Coor meth:	M
Dec lon:	-122.62596612	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec fallong datum:	NAD83	County:	053
State:	53	Land net:	SW NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	30		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington, Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19680417
Date inventoried:	19681203	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	109	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1968-04-17	Ground water data end date:	1968-04-17
Ground water data count:	1		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1968-04-17	8	

1968-04-17 8

**C18**  
North  
1/4 - 1/2 Mile  
Lower

FED USGS USGS3275092

Agency cd:	USGS	Site no:	472351122373201
Site name:	22N/01E-13E02	EDR Site id:	USGS3275092
Latitude:	472351	Dec lat:	47.39731856
Longitude:	1223732	Coor meth:	M
Dec lon:	-122.62679948	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW NW S13 T22N R01E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	9999.99		
Altitude method:	Unknown		
Altitude accuracy:	999		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1976-05-13
Water quality data end date:	1976-05-13	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**D19**  
SSW  
1/4 - 1/2 Mile  
Lower

FED USGS USGS3274766

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472306122373601
Site name:	22N/01E-24D01	EDR Site id:	USGS3274766
Latitude:	472308	Dec lat:	47.38537418
Longitude:	1223736	Coor meth:	M
Dec lon:	-122.6279103	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NW S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	GIG HARBOR		
Altitude:	5		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19400101
Date inventoried:	19780503	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	102	Hole depth:	Not Reported
Source of depth data:	other		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	1978-05-04	Water quality data begin date:	1978-05-04
Water quality data count:	1		
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**C20**  
**North**  
**1/4 - 1/2 Mile**  
**Higher**

**WA WELLS WA5000000011526**

Objectid:	18225	Srcid:	146783
Srcrootid:	18345	Wsorgid:	91321
Wsleid:	146547	Wslrootid:	62010
Pwsid:	46394	Srnum:	01
Pwssrcid:	4639401	Systemname:	LAWRENCE ROAD
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL # 1_LR-AAE006	Sourcetype:	Well
Sourcelbl:	S01 / WELL # 1_LR-AAE006	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST REGION	Contadd2:	PO BOX 336
Contphone:	(253) 851-4060	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	114	Smaname:	WASHINGTON WATER SERVICE COMPANY
Usecode:	Permanent		
Capacity:	100		
Treated:	Not Reported	Suscept:	Moderate
Whpatype:	Not Reported	Doewellid:	AAE006
Latitude:	47.397358		
Longitude:	-122.625313		
Llmethod:	GPS	Site id:	WA5000000011526

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C21**  
North  
1/4 - 1/2 Mile  
Higher

FED USGS      USGS3275093

Agency cd:	USGS	Site no:	472352122372601
Site name:	22N/01E-13F02	EDR Site id:	USGS3275093
Latitude:	472352	Dec lat:	47.39759636
Longitude:	1223727	Coor meth:	M
Dec lon:	-122.62541055	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SE NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington, Area = 2550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19770620
Date inventoried:	19781115	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	60	Hole depth:	60
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1977-06-22	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1977-06-22

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1977-06-22	47	
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**E22**  
NNE  
1/4 - 1/2 Mile  
Higher

WA WELLS      WA500000011531

Objectid:	10402	Srcid:	151173
Srcrootid:	10462	Wsorgid:	93202
Wsleid:	148706	Wslrootid:	56010
Pwsid:	11947	Srnum:	02
Pwssrcid:	1194702	Systemname:	CEDARS MOBILE MANOR
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL #2 AEF381	Sourcetype:	Well
Sourcelbl:	S02 / WELL #2 AEF381	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST WATER SYSTEMS	Contadd2:	PO BOX 123

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(360) 876-0958	Contcity:	PORT ORCHARD
Contstate:	WA	Contzipcd:	98366
Sma:	119	Smaname:	NORTHWEST WATER SYSTEMS
Usecode:	Emergency		
Capacity:	0		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	AEF381
Latitude:	47.397546		
Longitude:	-122.624028		
Limethod:	GPS	Site id:	WA5000000011531

**D23**

**SSW**

1/4 - 1/2 Mile  
Lower

WA WELLS    WA5000000011280

Objectid:	25850	Srcid:	76354
Srcrootid:	25959	Wsorgid:	54954
Wsleid:	105720	Wslrootid:	67204
Pwsid:	95070	Srcnum:	01
Pwssrcid:	9507001	Systemname:	WESTERN OYSTER COMPANY
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	12	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	902 E ALLISON ST
Contphone:	(206) 325-1659	Contcity:	SEATTLE
Contstate:	WA	Contzipcd:	98102
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	0		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.385003		
Longitude:	-122.628253		
Limethod:	GPS	Site id:	WA5000000011280

**E24**

**NNE**

1/4 - 1/2 Mile  
Higher

WA WELLS    WA5000000011535

Objectid:	10401	Srcid:	151172
Srcrootid:	10461	Wsorgid:	93202
Wsleid:	148706	Wslrootid:	56010
Pwsid:	11947	Srcnum:	01
Pwssrcid:	1194701	Systemname:	CEDARS MOBILE MANOR
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL # 1AEF382	Sourcetype:	Well
Sourcelbl:	S01 / WELL # 1AEF382	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST WATER SYSTEMS	Contadd2:	PO BOX 123

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(360) 876-0958	Contcity:	PORT ORCHARD
Contstate:	WA	Contzipcd:	98366
Sma:	119	Smaname:	NORTHWEST WATER SYSTEMS
Usecode:	Permanent		
Capacity:	45		
Treated:	Not Reported	Suscept:	High
Whpatype:	Not Reported	Doewellid:	AEF382
Latitude:	47.397663		
Longitude:	-122.623007	Site id:	WA5000000011535
Llmethod:	GPS		

**C25**

North  
1/4 - 1/2 Mile  
Higher

FED USGS    USGS3275103

Agency cd:	USGS	Site no:	472354122372701
Site name:	22N/01E-13F01	EDR Site id:	USGS3275103
Latitude:	472354	Dec lat:	47.39815191
Longitude:	1223727	Coor meth:	M
Dec lon:	-122.62541057	Lalng datum:	NAD27
Coor accr:	S	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SE NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington, Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19010101
Date inventoried:	19510119	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1957-01-01	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1957-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1957-01-01	25	



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**26**

**SSE**

**1/4 - 1/2 Mile  
Higher**

**WA WELLS      WA5000000011274**

Objectid:	2290	Srcid:	2320
Srcrootid:	2320	Wsorgid:	10232
Wsleid:	48849	Wslrootid:	48849
Pwsid:	02077	Srcnum:	01
Pwssrcid:	0207701	Systemname:	138 STREET COURT WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	13821 65TH AVE CT N W
Contphone:	(253) 857-2123	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	12		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.384575		
Longitude:	-122.62388		
Llmethod:	GPS	Site id:	WA5000000011274

**27**

**South**

**1/4 - 1/2 Mile  
Lower**

**WA WELLS      WA5000000011264**

Objectid:	22261	Srcid:	129578
Srcrootid:	22414	Wsorgid:	83170
Wsleid:	137585	Wslrootid:	65124
Pwsid:	66727	Srcnum:	01
Pwssrcid:	6672701	Systemname:	PEDERSON, HAROLD WELL
Systemgrp:	A	Systemtype:	Non-Transient, Non-Community
Sourcename:	WELL #1 (ACY112)	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1 (ACY112)	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST REGION	Contadd2:	PO BOX 336
Contphone:	(253) 851-4060	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	114	Smaname:	WASHINGTON WATER SERVICE COMPANY
Usecode:	Permanent		
Capacity:	170		
Treated:	Not Reported	Suscept:	Moderate
Whpatype:	Not Reported	Doewellid:	ACY112
Latitude:	47.384122		
Longitude:	-122.625773		
Llmethod:	GPS	Site id:	WA5000000011264

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

**28**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

Database      EDR ID Number

**FED USGS      USGS3274893**

Agency cd:	USGS	Site no:	472319122365401
Site name:	22N/01E-24B02	EDR Site id:	USGS3274893
Latitude:	472319	Dec lat:	47.38842988
Longitude:	1223654	Coor meth:	M
Dec lon:	-122.61624329	Latlong datum:	NAD27
Coor accr:	M	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NE S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	190		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	50		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington, Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19791118
Date inventoried:	19800206	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	269	Hole depth:	270
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1980-02-04	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1980-02-04

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1980-02-04	152	
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**F29**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3274948**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472327122380901
Site name:	22N/01E-14Q02	EDR Site id:	USGS3274948
Latitude:	472327	Dec lat:	47.39065179
Longitude:	1223809	Coor meth:	M
Dec lon:	-122.63707745	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	40		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19620426
Date inventoried:	19790313	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	194	Hoie depth:	194
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1979-03-13	Water quality data begin date:	1978-05-08
Ground water data begin date:	1962-04-26	Water quality data count:	2
Ground water data count:	1	Ground water data end date:	1962-04-26

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

-----  
1962-04-26

Note: The site was flowing, but the head could not be measured without additional equipment.

**F30  
West  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3273031**

Agency cd:	USGS	Site no:	471809122382201
Site name:	22N/01E-14Q03	EDR Site id:	USGS3273031
Latitude:	472325	Dec lat:	47.39009624
Longitude:	1223809	Coor meth:	M
Dec lon:	-122.63707744	Latlong datum:	NAD27
Coor accr:	M	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	45		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19640727
Date inventoried:	19640802	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	80	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G31**

**NNE**

**1/2 - 1 Mile**

**Higher**

**WA WELLS WA5000000011555**

Objectid:	11318	Srcid:	50110
Srcrootid:	11379	Wsorgid:	41193
Wslid:	81073	Wslrootid:	56683
Pwsid:	15414	Srcnum:	01
Pwssrcid:	1541401	Systemname:	KING OF GLORY LUTHERAN CHURCH
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL	Sourcetype:	Well
Sourcelbl:	S01 / WELL	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	ATTN MEREDITH LIESEMANN	Contadd2:	6411 154TH ST NW
Contphone:	(253) 857-4574	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	18		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doowellid:	Not Reported
Latitude:	47.398699		
Longitude:	-122.623734		
Llmethod:	GPS	Site id:	WA5000000011555

**F32**

**West**

**1/2 - 1 Mile**

**Lower**

**WA WELLS WA5000000011398**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 1880	Srcid: 1902	1902
Srcrootid: 1902	Wsorgid: 9860	
Wsleid: 48477	Wslrootid: 48477	
Pwsid: 01705	Srcnum: 01	
Pwssrcid: 0170501	Systemname: PARSONS-BURCH	
Systemgrp: B	Systemtype: Group B	
Sourcenam: WELL 1	Sourcectype: Well	
Sourcelbl: S01 / WELL 1	Region: Northwest	
Wria: 15	County: PIERCE	
Contadd1: Not Reported	Contadd2: 14703 GOODRICH DR N W	
Contphone: (253) 857-2373	Contcity: GIG HARBOR	
Contstate: WA	Contzipcd: 98335	
Sma: Not Reported	Smaname: Not Reported	
Usecode: Permanent		
Capacity: 10		
Treated: Not Reported	Suscept: Not Rated	
Whpatype: Not Reported	Doewellid: Not Reported	
Latitude: 47.391209		
Longitude: -122.637755		
Llmethod: GPS	Site id: WA5000000011398	

**H33**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS    USGS3274784**

Agency cd: USGS	Site no: 472308122365901
Site name: 22N/01E-24B01	
Latitude: 472308	EDR Site id: USGS3274784
Longitude: 1223659	Dec lat: 47.38537432
Dec lon: -122.61763214	Coor meth: M
Coor accr: F	Lalldatum: NAD27
Dec lalldatum: NAD83	District: 53
State: 53	County: 053
Country: US	Land net: NW NE S24 T22N R01E W
Location map: OLALLA	Map scale: 24000
Altitude: 165	
Altitude method: Interpolated from topographic map	
Altitude accuracy: 20	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: Puget Sound. Washington. Area = 2550 sq.mi.	
Topographic: Not Reported	
Site type: Ground-water other than Spring	Date construction: 19630103
Date inventoried: 19790319	Mean greenwich time offset: PST
Local standard time flag: Y	
Type of ground water site: Single well, other than collector or Ranney type	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 158	Hole depth: 159
Source of depth data: driller	
Project number: WA20800	
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 1979-03-19
Water quality data end date: 1979-03-19	Water quality data count: 1
Ground water data begin date: 1963-02-27	Ground water data end date: 1963-02-27
Ground water data count: 1	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1963-02-27	45	
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**G34**  
North  
1/2 - 1 Mile  
Higher

FED USGS USGS3275128

Agency cd:	USGS	Site no:	472359122372201
Site name:	22N01E-13C01	EDR Site id:	USGS3275128
Latitude:	472359	Dec lat:	47.39954081
Longitude:	1223722	Coor meth:	M
Dec lon:	-122.62402166	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NE NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington, Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650120
Date inventoried:	19650316	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	92	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1994-10-20
Water quality data end date:	1994-10-20	Water quality data count:	1
Ground water data begin date:	1965-01-20	Ground water data end date:	1965-01-20
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1965-01-20	40	
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**I35**  
WSW  
1/2 - 1 Mile  
Lower

FED USGS USGS3274872

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472317122381802
Site name:	22N/01E-23B03	EDR Site Id:	USGS3274872
Latitude:	472317	Dec lat:	47.38787403
Longitude:	1223810	Coor meth:	M
Dec lon:	-122.63735516	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NE S23 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	100		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	50		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19600520
Date inventoried:	19710322	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	153	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1960-05-20	Ground water data end date:	1960-05-20
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1960-05-20	61	

H36  
SE  
1/2 - 1 Mile  
Higher

WA WELLS WA5000000011296

Objectid:	22282	Srcid:	141587
Srcrootid:	22436	Wsorgid:	88812
Wsleid:	143833	Wslrootid:	65137
Pwsid:	66927	Srcnum:	02
Pwssrcid:	6692702	Systemname:	PURDY CAMPUS SYSTEM
Systemgrp:	A	Systemtype:	Non-Transient, Non-Community
Sourcename:	WELL #4 BACK UP	Source type:	Well
Sourcelbl:	S02 / WELL #4 BACK UP	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Peninsula Light Co Water Dept	Contadd2:	Po Box 78

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(253) 857-1511	Contcity:	Gig Harbor
Contstate:	WA	Contzipcd:	983350078
Sma:	118	Smaname:	Peninsula Light Company
Usecode:	Seasonal		
Capacity:	65		
Treated:	Not Reported	Suscept:	Moderate
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.385528		
Longitude:	-122.616816		
LImethod:	GPS	Site id:	WA5000000011296

37

WNW  
1/2 - 1 Mile  
Lower

FED USGS USGS3275010

Agency cd:	USGS	Site no:	472338122381301
Site name:	22N/01E-14K02	EDR Site id:	USGS3275010
Latitude:	472338	Dec lat:	47.39370731
Longitude:	1223813	Coor meth:	M
Dec lon:	-122.63818869	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW SE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	35		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19710619
Date inventoried:	19720927	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	63	Hole depth:	63
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-06-19	Ground water data end date:	1971-06-19
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1971-06-19	5	
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**38**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**WA WELLS      WA5000000011472**

Objectid:	21201	Srcid:	113317
Srcrootid:	21349	Wsorgid:	74528
Wsleid:	127897	Wslerooid:	64364
Pwsid:	61276	Srcnum:	01
Pwssrcid:	6127601	Systemname:	ENGER WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	15025 GOODRICH DR NW
Contphone:	(253) 857-2371	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98329
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	23		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.39471		
Longitude:	-122.637855		
Llmethod:	GPS	Site id:	WA5000000011472

**39**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**WA WELLS      WA5000000011362**

Objectid:	15815	Srcid:	113309
Srcrootid:	15880	Wsorgid:	74520
Wsleid:	127889	Wslerooid:	60113
Pwsid:	33981	Srcnum:	01
Pwssrcid:	3398101	Systemname:	DOUCETT WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	1705 Dock St # 509
Contphone:	(253) 572-2244	Contcity:	Tacoma
Contstate:	WA	Contzipcd:	98402
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	18		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.389013		
Longitude:	-122.638488		
Llmethod:	GPS	Site id:	WA5000000011362

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

40  
NNE  
1/2 - 1 Mile  
Higher

FED USGS      USGS3275127

Agency cd:	USGS	Site no:	472359122371401
Site name:	22N/01E-13F03	EDR Site id:	USGS3275127
Latitude:	472359	Dec lat:	47.39954084
Longitude:	1223714	Coor meth:	M
Dec lon:	-122.62179936	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SE NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	110		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	40		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19791226
Date inventoried:	19800107	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	76	Hole depth:	78
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-12-26	Ground water data end date:	1979-12-26
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1979-12-26	25	

J41  
North  
1/2 - 1 Mile  
Higher

FED USGS      USGS3275144

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472401122373001
Site name:	22N/01E-13D03	EDR Site id:	USGS3275144
Latitude:	472401	Dec lat:	47.40009633
Longitude:	1223730	Coor meth:	M
Dec lon:	-122.62624399	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	40		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19790103
Date inventoried:	19790129	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	35	Hole depth:	38
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-01-06	Ground water data end date:	1979-01-06
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1979-01-06	20	

**J42**  
North  
1/2 - 1 Mile  
Lower

FED USGS    USGS3275168

Agency cd:	USGS	Site no:	472404122373801
Site name:	22N/01E-13D01	EDR Site id:	USGS3275168
Latitude:	472401	Dec lat:	47.40009632
Longitude:	1223733	Coor meth:	M
Dec lon:	-122.62707735	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19680115
Date inventoried:	19760528	Mean greenwich time offset:	PST

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	75	Hole depth:	75
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1968-01-15	Ground water data end date:	1968-01-15
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1968-01-15

Note: The site was flowing, but the head could not be measured without additional equipment.

K43  
West  
1/2 - 1 Mile  
Higher

FED USGS USGS3274928

Agency cd:	USGS	Site no:	472323122381901
Site name:	22N/01E-14Q01	EDR Site id:	USGS3274928
Latitude:	472324	Dec lat:	47.38981843
Longitude:	1223817	Coor meth:	M
Dec lon:	-122.63929973	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	150		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Hood Canal, Washington, Area = 957 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19640715
Date inventoried:	19660131	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1964-07-15	Ground water data end date:	1964-07-15
Ground water data count:	1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1964-07-15	140	

**44**  
**WNW**  
1/2 - 1 Mile  
Lower

**WA WELLS WA5000000011499**

Objectid:	4381	Srcid:	72858
Srcrootid:	4413	Wsorgid:	53363
Wseid:	94397	Wsleroolid:	50738
Pwsid:	03966	Srcnum:	01
Pwssrcid:	0396601	Systemname:	FOLTIN WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcename:	Well #1	Sourcetype:	Well
Sourcelbl:	S01 / Well #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	15121 GOODRICH DR NW
Contphone:	(253) 857-3046	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98329
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	75		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.395663		
Longitude:	-122.637894		
Limethod:	GPS	Site id:	WA5000000011499

**145**  
**WSW**  
1/2 - 1 Mile  
Higher

**WA WELLS WA5000000011343**

Objectid:	17895	Srcid:	87243
Srcrootid:	18027	Wsorgid:	60797
Wseid:	112129	Wsleroolid:	61768
Pwsid:	45074	Srcnum:	01
Pwssrcid:	4507401	Systemname:	J & N WATER COMPANY
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	PO BOX 793
Contphone:	(253) 851-4689	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	33		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.387896		
Longitude:	-122.638629		
Limethod:	GPS	Site id:	WA5000000011343

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**46**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**WA WELLS      WA5000000011584**

Objectid:	15763	Srcid:	146651
Srcrootid:	15826	Wsorgid:	91278
Wsleid:	146498	Wslrootid:	60067
Pwsid:	33695	Srcnum:	01
Pwssrcid:	3369501	Systemname:	HOLLY TIDES WATER SYSTEM
Systemgrp:	A	Systemtype:	Community
Sourcename:	AAE004 WELL HT	Sourcetype:	Well
Sourcebl:	S01 / AAE004 WELL HT	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST REGION	Contadd2:	PO BOX 336
Contphone:	(253) 851-4060	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	114	Smaname:	WASHINGTON WATER SERVICE COMPANY
Usecode:	Permanent		
Capacity:	90		
Treated:	Not Reported	Suscept:	Moderate
Whpatype:	Not Reported	Doewellid:	AAE004
Latitude:	47.400573		
Longitude:	-122.627509		
Limethod:	GPS	Site id:	WA5000000011584

**47**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3275094**

Agency cd:	USGS	Site no:	472352122380601
Site name:	22N/01E-14H01	EDR Site id:	USGS3275094
Latitude:	472352	Dec lat:	47.3975962
Longitude:	1223806	Coor meth:	M
Dec lon:	-122.63624429	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SE NE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	15		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19770505
Date inventoried:	19870508	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	58	Hole depth:	58
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 1978-05-08  
 Ground water data begin date: 1977-05-06  
 Ground water data count: 1

Water quality data begin date: 1978-05-08  
 Water quality data count: 1  
 Ground water data end date: 1977-05-06

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1977-05-06

Note: The site was flowing, but the head could not be measured without additional equipment.

48  
 WSW  
 1/2 - 1 Mile  
 Higher

FED USGS USGS3274833

Agency cd:	USGS	Site no:	472313122381301
Site name:	22N/01E-23B02	EDR Site id:	USGS3274833
Latitude:	472313	Dec lat:	47.38676292
Longitude:	1223813	Coor meth:	M
Dec lon:	-122.63818849	Lalong datum:	NAD27
Coor accr:	T	District:	53
Dec lat/long datum:	NAD83	County:	053
State:	53	Land net:	NW NE S23 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	110		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	50		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19700312
Date inventoried:	19700330	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	116	Hole depth:	124
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1970-03-18	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1970-03-18

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1970-03-18 100

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

	Database	EDR ID Number
49 SW 1/2 - 1 Mile Lower	FED USGS	USGS3274795

Agency cd:	USGS	Site no:	472309122381101
Site name:	22N/01E-23B01	EDR Site id:	USGS3274795
Latitude:	472309	Dec lat:	47.38565182
Longitude:	1223811	Coor meth:	M
Dec lon:	-122.63763288	Latlong datum:	NAD27
Coor accr:	S	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NE S23 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19620101
Date inventoried:	19780808	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	125	Hole depth:	Not Reported
Source of depth data:	other		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1978-05-08	Water quality data begin date:	1968-05-08
Ground water data begin date:	0000-00-00	Water quality data count:	2
Ground water data count:	0	Ground water data end date:	0000-00-00

Ground-water levels, Number of Measurements: 0

50  
WNW  
1/2 - 1 Mile  
Higher

FED USGS      USGS3275020

Agency cd:	USGS	Site no:	472340122381901
Site name:	22N/01E-14K01	EDR Site id:	USGS3275020
Latitude:	472340	Dec lat:	47.39426284
Longitude:	1223819	Coor meth:	M
Dec lon:	-122.63985544	Latlong datum:	NAD27
Coor accr:	S	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW SE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 190  
 Altitude method: Interpolated from topographic map  
 Altitude accuracy: 10  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: Puget Sound, Washington. Area = 2550 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: 19010101  
 Date inventoried: 19510122 Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 219 Hole depth: Not Reported  
 Source of depth data: owner  
 Project number: Not Reported  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00 Water quality data count: 0  
 Ground water data begin date: 1951-01-01 Ground water data end date: 1951-01-01  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1951-01-01

Note: The site was flowing, but the head could not be measured without additional equipment.

**K51  
West  
1/2 - 1 Mile  
Higher**

**FED USGS USGS3274934**

Agency cd:	USGS	Site no:	472324122382101
Site name:	22N/01E-14Q04	EDR Site id:	USGS3274934
Latitude:	472324	Dec lat:	47.38981842
Longitude:	1223821	Coor meth:	M
Dec lon:	-122.64041089	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SE S14 T22N R01E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	9999.99		
Altitude method:	Unknown		
Altitude accuracy:	999		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 1976-05-13  
 Ground water data begin date: 0000-00-00  
 Ground water data count: 0

Water quality data begin date: 1976-05-13  
 Water quality data count: 1  
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

**52**  
**ESE**  
 1/2 - 1 Mile  
 Higher

FED USGS      USGS3274871

Agency cd:	USGS	Site no:	472317122364801
Site name:	22N/01E-24A01	EDR Site id:	USGS3274871
Latitude:	472317	Dec lat:	47.38787438
Longitude:	1223640	Coor meth:	M
Dec lon:	-122.61235424	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NE NE S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	300		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.ml.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19761021
Date inventoried:	19780707	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	316	Hole depth:	317
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1976-11-18	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1976-11-18

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1976-11-18	181	

**L53**  
**North**  
 1/2 - 1 Mile  
 Higher

FED USGS      USGS3275174

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472405122372201
Site name:	22N/01E-13C02	EDR Site id:	USGS3275174
Latitude:	472405	Dec lat:	47.40120746
Longitude:	1223722	Coor meth:	M
Dec lon:	-122.62402171	Latlong datum:	NAD27
Coor accr:	M	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NE NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19800402
Date inventoried:	19800410	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	175	Hole depth:	175
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1980-04-10	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1980-04-10

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1980-04-10	60	

54  
NNE  
1/2 - 1 Mile  
Higher

FED USGS      USGS3275143

Agency cd:	USGS	Site no:	472401122370401
Site name:	22N/01E-13B01	EDR Site id:	USGS3275143
Latitude:	472401	Dec lat:	47.40009643
Longitude:	1223704	Coor meth:	M
Dec lon:	-122.61902149	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NE S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	100		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19781023
Date inventoried:	19781030	Mean greenwich time offset:	PST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	75	Hole depth:	75
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1978-10-30	Ground water data end date:	1978-10-30
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1978-10-30	5	

**L55**  
North  
1/2 - 1 Mile  
Higher

WA WELLS WA5000000011593

Objectid:	22675	Srcid:	22822
Srcrootid:	22822	Wsorgid:	26751
Wsleid:	65368	Wslrootid:	65368
Pwsid:	70001	Srcnum:	01
Pwssrcid:	7000101	Systemname:	PURDY ACRES WEST WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL	Sourcetype:	Well
Sourcelbl:	S01 / WELL	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	Po Box 44427
Contphone:	(253) 537-6634	Contcity:	Tacoma
Contstate:	WA	Contzipcd:	98444
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	50		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.401404		
Longitude:	-122.624818		
Llmethod:	GPS	Site id:	WA5000000011593

**M56**  
NNE  
1/2 - 1 Mile  
Higher

WA WELLS WA5000000011588

Objectid:	22674	Srcid:	147064
Srcrootid:	22821	Wsorgid:	91392
Wsleid:	146622	Wslrootid:	65367
Pwsid:	70000	Srcnum:	02
Pwssrcid:	7000002	Systemname:	PURDY ACRES WATER SYSTEM EAST
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL #2	Sourcetype:	Well
Sourcelbl:	S02 / WELL #2	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	Po Box 44427

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone: (253) 537-6634	Contcity: Tacoma	
Contstate: WA	Contzipcd: 98444	
Sma: Not Reported	Smaname: Not Reported	
Usecode: Permanent		
Capacity: 50		
Treated: Not Reported	Suscept: Low	
Whpatype: Not Reported	Doewellid: Not Reported	
Latitude: 47.401121		
Longitude: -122.621819		
Llmethod: GPS	Site id: WA5000000011588	

57

NNW

1/2 - 1 Mile

Lower

FED USGS

USGS3275137

Agency cd: USGS	Site no: 472400122375901	
Site name: 22N/01E-14A01	EDR Site id: USGS3275137	
Latitude: 472402	Dec lat: 47.400374	
Longitude: 1223757	Coor meth: M	
Dec lon: -122.63374428	Latlong datum: NAD27	
Coor accr: F	District: 53	
Dec latlong datum: NAD83	County: 053	
State: 53	Land net: NE NE S14 T22N R01E W	
Country: US	Map scale: 24000	
Location map: BURLEY		
Altitude: 10		
Altitude method: Interpolated from topographic map		
Altitude accuracy: 5		
Altitude datum: National Geodetic Vertical Datum of 1929		
Hydrologic: Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic: Not Reported		
Site type: Ground-water other than Spring	Date construction: 19010101	
Date inventoried: 19680508	Mean greenwich time offset: PST	
Local standard time flag: Y		
Type of ground water site: Single well, other than collector or Ranney type		
Aquifer Type: Not Reported		
Aquifer: Not Reported		
Well depth: Not Reported	Hole depth: Not Reported	
Source of depth data: Not Reported		
Project number: WA20800		
Real time data flag: 0	Daily flow data begin date: 0000-00-00	
Daily flow data end date: 0000-00-00	Daily flow data count: 0	
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00	
Peak flow data count: 0	Water quality data begin date: 1968-05-08	
Water quality data end date: 1968-05-08	Water quality data count: 1	
Ground water data begin date: 1968-05-01	Ground water data end date: 1968-05-01	
Ground water data count: 1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1968-05-01

Note: The site was flowing, but the head could not be measured without additional equipment.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**M58**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**WA WELLS      WA5000000011594**

Objectid:	22673	Srcid:	147063
Srcrootid:	22820	Wsorgid:	91392
Wsleid:	146622	Wslrootid:	65367
Pwsid:	70000	Srcnum:	01
Pwssrcid:	7000001	Systemname:	PURDY ACRES WATER SYSTEM EAST
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	Po Box 44427
Contphone:	(253) 537-6634	Contcity:	Tacoma
Contstate:	WA	Contzipcd:	98444
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	30		
Treated:	Not Reported	Suscept:	Low
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.401472		
Longitude:	-122.621676		
Llmethod:	GPS	Site id:	WA5000000011594

**59**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**WA WELLS      WA5000000011204**

Objectid:	5579	Srcid:	62778
Srcrootid:	5621	Wsorgid:	48100
Wsleid:	88693	Wslrootid:	51855
Pwsid:	05083	Srcnum:	01
Pwssrcid:	0508301	Systemname:	LUOSEY/SEVERTSEN WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	7245 SE NELSON RD
Contphone:	(253) 857-2636	Contcity:	OLALLA
Contstate:	WA	Contzipcd:	98359
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	100		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.380642		
Longitude:	-122.625185		
Llmethod:	GPS	Site id:	WA5000000011204

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

60  
NW  
1/2 - 1 Mile  
Lower

FED USGS      USGS3275117

Agency cd:	USGS	Site no:	472358122380801
Site name:	22N/01E-14G01	EDR Site id:	USGS3275117
Latitude:	472358	Dec lat:	47.39926285
Longitude:	1223808	Coor meth:	M
Dec lon:	-122.63679992	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW NE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19760312
Date inventoried:	19760317	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	35	Hole depth:	35
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1976-03-17	Ground water data end date:	1976-03-17
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1976-03-17	-14	
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61  
ESE  
1/2 - 1 Mile  
Higher

WA WELLS      WA5000000011292

Objectid:	22281	Srcid:	141586
Srcrootid:	22435	Wsorgid:	88812
Wslcid:	143833	Wslrootid:	65137
Pwsid:	66927	Srcnum:	01
Pwssrcid:	6692701	Systemname:	PURDY CAMPUS SYSTEM
Systemgrp:	A	Systemtype:	Non-Transient, Non-Community
Sourcename:	WELL # 1 PRIMARY	Sourcetype:	Well
Sourcelbl:	S01 / WELL # 1 PRIMARY	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Peninsula Light Co Water Dept	Contadd2:	Po Box 78

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(253) 857-1511	Contcity:	Gig Harbor
Contstate:	WA	Contzipcd:	983350078
Sma:	118	Smaname:	Peninsula Light Company
Usecode:	Permanent		
Capacity:	155		
Treated:	Not Reported	Suscept:	Low
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.385373		
Longitude:	-122.612821	Site id:	WA5000000011292
LImethod:	GPS		

**62**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**WA WELLS WA5000000011327**

Objectid:	21649	Srcid:	146953
Srcrootid:	21800	Wsorgid:	91369
Wsleid:	146599	Wslrootid:	64693
Pwsid:	63494	Srcnum:	01
Pwssrcid:	6349401	Systemname:	OLYMPIC SUNSET WEST
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL # 1 (AEA493)	Sourcetype:	Well
Sourcelbl:	S01 / WELL # 1 (AEA493)	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST REGION	Contadd2:	PO BOX 336
Contphone:	(253) 851-4060	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	114	Smaname:	WASHINGTON WATER SERVICE COMPANY
Usecode:	Permanent		
Capacity:	108		
Treated:	Not Reported	Suscept:	Low
Whpatype:	Not Reported	Doewellid:	AEA493
Latitude:	47.387478		
Longitude:	-122.610977	Site id:	WA5000000011327
LImethod:	GPS		

**N63**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**WA WELLS WA5000000011337**

Objectid:	19960	Srcid:	146899
Srcrootid:	20100	Wsorgid:	91351
Wsleid:	146580	Wslrootid:	63395
Pwsid:	54740	Srcnum:	12
Pwssrcid:	5474012	Systemname:	MINTERBROOK
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL #12 WV (KENNEDY) AAB 523	Sourcetype:	Well
Sourcelbl:	S12 / WELL #12 WV (KENNEDY) AAB 523	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST REGION	Contadd2:	PO BOX 336



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(253) 851-4060	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	114	Smaname:	WASHINGTON WATER SERVICE COMPANY
Usecode:	Permanent		
Capacity:	44		
Treated:	Not Reported	Suscept:	Moderate
Whpatype:	Not Reported	Doewellid:	AAB123
Latitude:	47.38774		
Longitude:	-122.641415	Site id:	WA5000000011337
Lmethod:	GPS		

N64  
WSW  
1/2 - 1 Mile  
Higher

FED USGS USGS3274851

Agency cd:	USGS	Site no:	472315122383601
Site name:	22N/01E-23C01	EDR Site id:	USGS3274851
Latitude:	472317	Dec lat:	47.38787397
Longitude:	1223826	Coor meth:	M
Dec lon:	-122.64179977	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NE NW S23 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	225		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19720821
Date inventoried:	19790314	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	140	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1979-03-14	Water quality data begin date:	1979-03-14
Ground water data begin date:	1972-08-21	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1972-08-21

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1972-08-21	110	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**65**  
 North  
 1/2 - 1 Mile  
 Lower

**WA WELLS      WA5000000011608**

Objectid:	27041	Srcid:	93989
Srcrootid:	28727	Wsorgid:	64787
Wsleid:	116812	Wslrootid:	82445
Pwsid:	AA696	Srcnum:	01
Pwssrcid:	AA69601	Systemname:	MORRIS FAMILY WELL
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Sourcetype:	Well
Sourcebl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	15802 67th Ave NW
Contphone:	(253) 906-3002	Contcity:	Gig Harbor
Contstate:	WA	Contzjpcd:	98832
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	0		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.402479		
Longitude:	-122.628153		
Limethod:	GPS	Site id:	WA5000000011608

**66**  
 South  
 1/2 - 1 Mile  
 Lower

**FED USGS      USGS3274654**

Agency cd:	USGS	Site no:	472247122372401
Site name:	22N/01E-24L01	EDR Site id:	USGS3274654
Latitude:	472247	Dec lat:	47.37954093
Longitude:	1223724	Coor meth:	M
Dec lon:	-122.62457668	Latlong datum:	NAD27
Coor accr:	M	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NE SW S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington, Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19630809
Date inventoried:	19790130	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	154	Hole depth:	154
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1963-08-14  
 Ground water data count: 1

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1963-08-14

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1963-08-14

Note: The site was flowing, but the head could not be measured without additional equipment.

**O67**  
**North**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS3275187

Agency cd:	USGS	Site no:	472407122373802
Site name:	22N/01E-13D02	EDR Site id:	USGS3275187
Latitude:	472412	Dec lat:	47.40315186
Longitude:	1223731	Coor meth:	M
Dec lon:	-122.62652186	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NW S13 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19700318
Date inventoried:	19781115	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	188	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1970-03-23	Water quality data count:	0
Ground water data count:	1		
		Ground water data end date:	1970-03-23

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1970-03-23

Note: The site was flowing, but the head could not be measured without additional equipment.

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

**O68**  
North  
1/2 - 1 Mile  
Lower

Database      EDR ID Number

FED USGS      USGS3275233

Agency cd:	USGS	Site no:	472413122373101
Site name:	22N/01E-12N01	EDR Site id:	USGS3275233
Latitude:	472413	Dec lat:	47.40342964
Longitude:	1223731	Coor meth:	M
Dec lon:	-122.62652187	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	035
State:	53	Land net:	SW SW S12 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19480101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	220	Hole depth:	Not Reported
Source of depth data:	other reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1978-07-10	Water quality data begin date:	1967-06-20
Ground water data begin date:	1968-05-01	Water quality data count:	3
Ground water data count:	1	Ground water data end date:	1968-05-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1968-05-01

Note: The site was flowing, but the head could not be measured without additional equipment.

**69**  
SW  
1/2 - 1 Mile  
Higher

WA WELLS      WA5000000011248

Objectid:	619	Srcid:	630
Srcrootid:	630	Wsorgid:	8712
Wsleid:	47329	Wslrootid:	47329
Pwsid:	00557	Srcnum:	01
Pwssrcid:	0055701	Systemname:	DENNY WATER SYSTEM
Systemgrp:	B	Systemtype:	Group B
Sourcename:	DENNY	Sourcetype:	Well
Sourcebl:	S01 / DENNY	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	PO BOX 586

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(253) 857-2637	Contcity:	WAUNA
Contstate:	WA	Contzipcd:	98395
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	30		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.383582		
Longitude:	-122.640097		
Lmethod:	GPS	Site id:	WA5000000011248

70

ENE

1/2 - 1 Mile  
Higher

FED USGS USGS3275028

Agency cd:	USGS	Site no:	472342122362701
Site name:	22N/02E-18M01	EDR Site id:	USGS3275028
Latitude:	472342	Dec lat:	47.39481883
Longitude:	1223627	Coor meth:	M
Dec lon:	-122.60874318	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW SW S18 T22N R02E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	345		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	40		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19790823
Date inventoried:	19791018	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	197	Hole depth:	197
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-08-23	Ground water data end date:	1979-08-23
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1979-08-23	157	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**71**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3275163**

Agency cd:	USGS	Site no:	472403122381401
Site name:	22N/01E-14B01	EDR Site id:	USGS3275163
Latitude:	472403	Dec lat:	47.40065171
Longitude:	1223814	Coor meth:	M
Dec lon:	-122.63846668	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	60		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19740724
Date inventoried:	19851115	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	132	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1978-05-08
Water quality data end date:	1979-03-13	Water quality data count:	2
Ground water data begin date:	1974-07-24	Ground water data end date:	1974-07-24
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1974-07-24    23

**72**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3274923**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472322122362601
Site name:	22N/02E-18N01	EDR Site id:	USGS3274923
Latitude:	472328	Dec lat:	47.39092999
Longitude:	1223622	Coor meth:	M
Dec lon:	-122.60735414	Latlong datum:	NAD27
Coor accr:	F	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW SW S18 T22N R02E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	305		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	25		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19780421
Date inventoried:	19790504	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	274	Hole depth:	274
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1978-05-02	Ground water data end date:	1978-05-02
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1978-05-02	195	

**P73**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**WA WELLS WA5000000011145**

Objectid:	20146	Srcid:	112866
Srcrootid:	20289	Wsorgid:	74182
Wsleid:	127512	Wslrootid:	63529
Pwsid:	55469	Srcnum:	01
Pwssrcid:	5546901	Systemname:	SOUTH PURDY WATER SUPPLY
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1	Source type:	Well
Sourcelbl:	S01 / WELL #1	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	Po Box 2343

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(253) 851-5523	Contcity:	Gig Harbor
Contstate:	WA	Contzipcd:	98335
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	12		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.37859		
Longitude:	-122.624707		
Llmethod:	GPS	Site id:	WA5000000011145

74

NNE  
1/2 - 1 Mile  
Higher

FED USGS    USGS3275232

Agency cd:	USGS	Site no:	472413122370601
Site name:	22N/01E-12Q02	EDR Site id:	USGS3275232
Latitude:	472413	Dec lat:	47.40342974
Longitude:	1223706	Coor meth:	M
Dec lon:	-122.61957716	Lattlong datum:	NAD27
Coor accr:	M	District:	53
Dec lattlong datum:	NAD83	County:	035
State:	53	Land net:	SW SE S12 T22N R01E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	120		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19180101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	9	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1949-07-01	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1949-07-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1949-07-01	6	



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**75**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3275202**

Agency cd:	USGS	Site no:	472409122380801
Site name:	22N/01E-14B02	EDR Site id:	USGS3275202
Latitude:	472409	Dec lat:	47.40231838
Longitude:	1223808	Coor meth:	M
Dec lon:	-122.6368	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW NE S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	60		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	30		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19751008
Date inventoried:	19751013	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	78	Hole depth:	80
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1975-10-13	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1975-10-13

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1975-10-13

Note: The site was flowing, but the head could not be measured without additional equipment.

**P76**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3274613**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	472241122372201
Site name:	22N/01E-24P01	EDR Site id:	USGS3274613
Latitude:	472241	Dec lat:	47.37787428
Longitude:	1223722	Coor meth:	M
Dec lon:	-122.62402105	Latlong datum:	NAD27
Coor accr:	M	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SE SW S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	60		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19740514
Date inventoried:	19740520	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	101	Hole depth:	101
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1974-05-20	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1974-05-20

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1974-05-20	46	

**77**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3274631**

Agency cd:	USGS	Site no:	472243122370701
Site name:	22N/01E-24K01	EDR Site id:	USGS3274631
Latitude:	472243	Dec lat:	47.37842989
Longitude:	1223707	Coor meth:	M
Dec lon:	-122.61985425	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	NW SE S24 T22N R01E W
Country:	US	Map scale:	24000
Location map:	OLALLA		
Altitude:	140		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	80		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19780920
Date inventoried:	19780927	Mean greenwich time offset:	PST

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	101	Hole depth:	101
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1978-09-27	Ground water data end date:	1978-09-27
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1978-09-27	40	

**78**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**WA WELLS    WA5000000011468**

Objectid:	20253	Srcid:	20398
Srcrootid:	20398	Wsorgid:	24993
Wsleid:	63610	Wslrootid:	63610
Pwsid:	56038	Srcnum:	01
Pwssrcid:	5603801	Systemname:	JOHN F MOORE
Systemgrp:	B	Systemtype:	Group B
Sourcename:	Well 01	Sourcetype:	Well
Sourcelbl:	S01 / Well 01	Region:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	Not Reported	Contadd2:	GOODRICH ROAD
Contphone:	Not Reported	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	Not Reported	Smaname:	Not Reported
Usecode:	Permanent		
Capacity:	25		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.39453		
Longitude:	-122.646		
Llmethod:	Quarter Quarter Section	Site id:	WA5000000011468

**79**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**WA WELLS    WA5000000011646**

Objectid:	4646	Srcid:	141164
Srcrootid:	4682	Wsorgid:	88600
Wsleid:	143591	Wslrootid:	50990
Pwsid:	04218	Srcnum:	01
Pwssrcid:	0421801	Systemname:	OWENS LEE
Systemgrp:	B	Systemtype:	Group B
Sourcename:	WELL #1 NO TAG	Sourcetype:	Well
Sourcelbl:	S01 / WELL #1 NO TAG	Region:	Southwest
Wria:	15	County:	KITSAP
Contadd1:	NORTHWEST WATER SYSTEMS	Contadd2:	PO BOX 123

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contphone:	(360) 876-0958	Contcity:	PORT ORCHARD
Contstate:	WA	Contzipcd:	98366
Sma:	119	Smaname:	NORTHWEST WATER SYSTEMS
Usecode:	Permanent		
Capacity:	20		
Treated:	Not Reported	Suscept:	Not Rated
Whpatype:	Not Reported	Doewellid:	Not Reported
Latitude:	47.405277		
Longitude:	-122.625833		
Limethod:	GPS	Site id:	WA5000000011646

80

West  
1/2 - 1 Mile  
Higher

FED USGS USGS3274957

Agency cd:	USGS	Site no:	472329122384401
Site name:	22N/01E-14P01	EDR Site id:	USGS3274957
Latitude:	472329	Dec lat:	47.39120721
Longitude:	1223844	Coor meth:	M
Dec lon:	-122.64680005	Latlong datum:	NAD27
Coor acc:	T	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SE SW S14 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	265		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	40		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound, Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19770317
Date inventoried:	19770326	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	201	Hole depth:	201
Source of depth data:	driller		
Project number:	WA20800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1977-03-25	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1977-03-25

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1977-03-25	176	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

81  
SE  
1/2 - 1 Mile  
Higher

Database      EDR ID Number

WA WELLS      WA5000000011241

Objectid:	22249	Srcid:	147044
Srcrootid:	22402	Wsorgid:	91383
Wsleid:	146613	Wslerooid:	65114
Pwsid:	66637	Srcnum:	10
Pwssrcid:	6663710	Systemname:	PEACOCK HILL
Systemgrp:	A	Systemtype:	Community
Sourcename:	WELL #10 (HYDE CRK MERGE)	Regtype:	Well
Sourcelbl:	S10 / WELL #10 (HYDE CRK MERGE)	Regid:	Northwest
Wria:	15	County:	PIERCE
Contadd1:	NORTHWEST REGION	Contadd2:	PO BOX 336
Contphone:	(253) 851-4060	Contcity:	GIG HARBOR
Contstate:	WA	Contzipcd:	98335
Sma:	114	Smaname:	WASHINGTON WATER SERVICE COMPANY
Usecode:	Permanent		
Capacity:	250		
Treated:	Not Reported	Suscept:	Low
Whpatype:	Not Reported	Doewellid:	AAE026
Latitude:	47.382332		
Longitude:	-122.609931	Site id:	WA5000000011241
Limethod:	GPS		

82  
SW  
1/2 - 1 Mile  
Higher

FED USGS      USGS3274706

Agency cd:	USGS	Site no:	472254122382501
Site name:	22N/01E-23G01	EDR Site id:	USGS3274706
Latitude:	472254	Dec lat:	47.38148513
Longitude:	1223825	Coor meth:	M
Dec lon:	-122.64152179	Lallog datum:	NAD27
Coor accr:	S	District:	53
Dec latlong datum:	NAD83	County:	053
State:	53	Land net:	SW NE S23 T22N R01E W
Country:	US	Map scale:	24000
Location map:	BURLEY		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19010101
Date inventoried:	19510122	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	87	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
		Daily flow data begin date:	Not Reported
		Daily flow data count:	Not Reported
		Peak flow data end date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported  
Water quality data end date: Not Reported  
Ground water data begin date: Not Reported  
Ground water data count: Not Reported

Water quality data begin date: Not Reported  
Water quality data count: Not Reported  
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for PIERCE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 98332

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Wells

Source: Department of Health

Telephone: 360-236-3148

Group A and B well locations.

## OTHER STATE DATABASE INFORMATION

### RADON

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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# Appendix B





**Gig Harbor Transmission**

14610 Purdy Dr NW

Gig Harbor, WA 98332

Inquiry Number: 2668220.3

December 30, 2009



**Certified Sanborn® Map Report**

# Certified Sanborn® Map Report

12/30/09

**Site Name:**

Gig Harbor Transmission  
14610 Purdy Dr NW  
Gig Harbor, WA 98332

**Client Name:**

Alkai Consulting, LLC  
9465 Provost Road Northwest  
Silverdale, WA 98383

EDR Inquiry # 2668220.3

Contact: George Webster



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Alkai Consulting, LLC were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Gig Harbor Transmission  
**Address:** 14610 Purdy Dr NW  
**City, State, Zip:** Gig Harbor, WA 98332  
**Cross Street:**  
**P.O. #** NA  
**Project:** NA  
**Certification #** C23E-418A-B230



Sanborn® Library search results  
Certification # C23E-418A-B230

## UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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**Gig Harbor Transmission**

14610 Purdy Dr NW

Gig Harbor, WA 98332

Inquiry Number: 2668220.4

January 05, 2010



**The EDR Aerial Photo Decade Package**



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Aerial Photo Decade Package

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**Date EDR Searched Historical Sources:**

Aerial Photography January 05, 2010

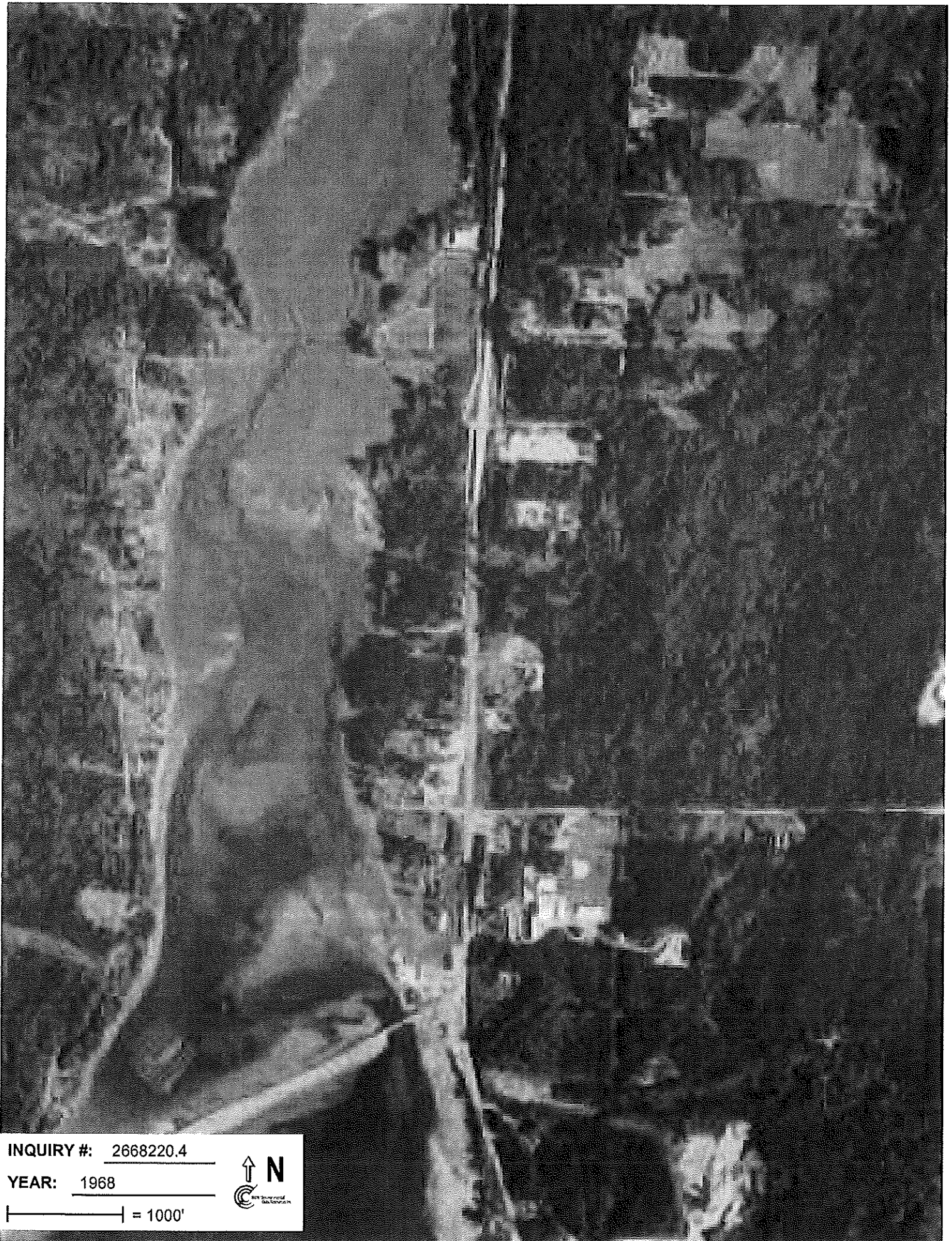
**Target Property:**

14610 Purdy Dr NW

Gig Harbor, WA 98332

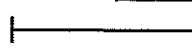
<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1968	Aerial Photograph. Scale: 1"=1000'	Panel #: 2447122-D5/Flight Date: September 04, 1968	EDR
1971	Aerial Photograph. Scale: 1"=1000'	Panel #: 2447122-D5/Flight Date: September 19, 1971	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Panel #: 2447122-D5/Flight Date: July 26, 1981	EDR
1990	Aerial Photograph. Scale: 1"=1000'	Panel #: 2447122-D5/Flight Date: June 21, 1990	EDR
2006	Aerial Photograph. 1" = 604'	Flight Year: 2006	EDR





INQUIRY #: 2668220.4

YEAR: 1968

 = 1000'



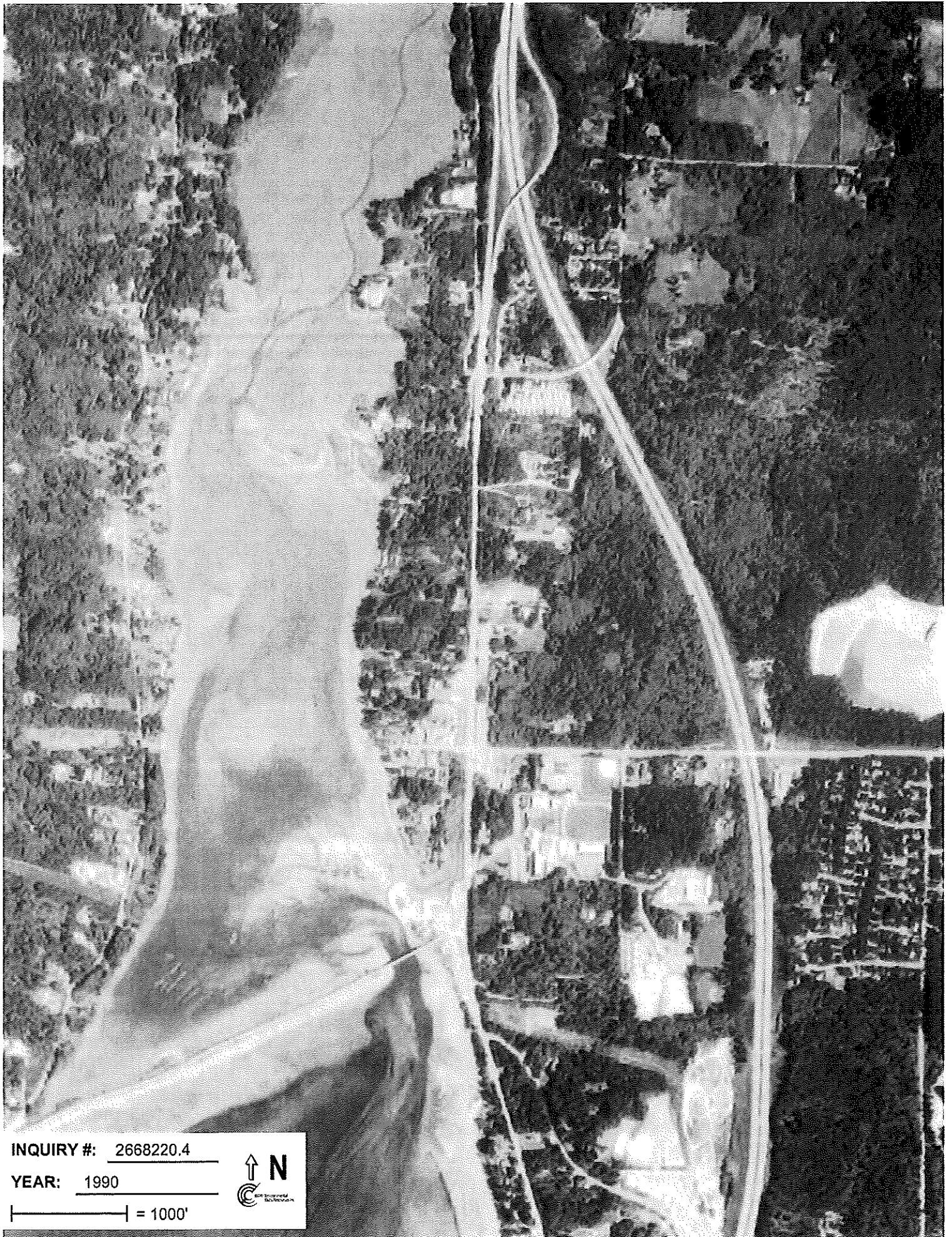


INQUIRY #: 2668220.4

YEAR: 1971

| = 1000'





INQUIRY #: 2668220.4

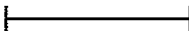
YEAR: 1990

 = 1000'



INQUIRY #: 2668220.4

YEAR: 1981

 = 1000'



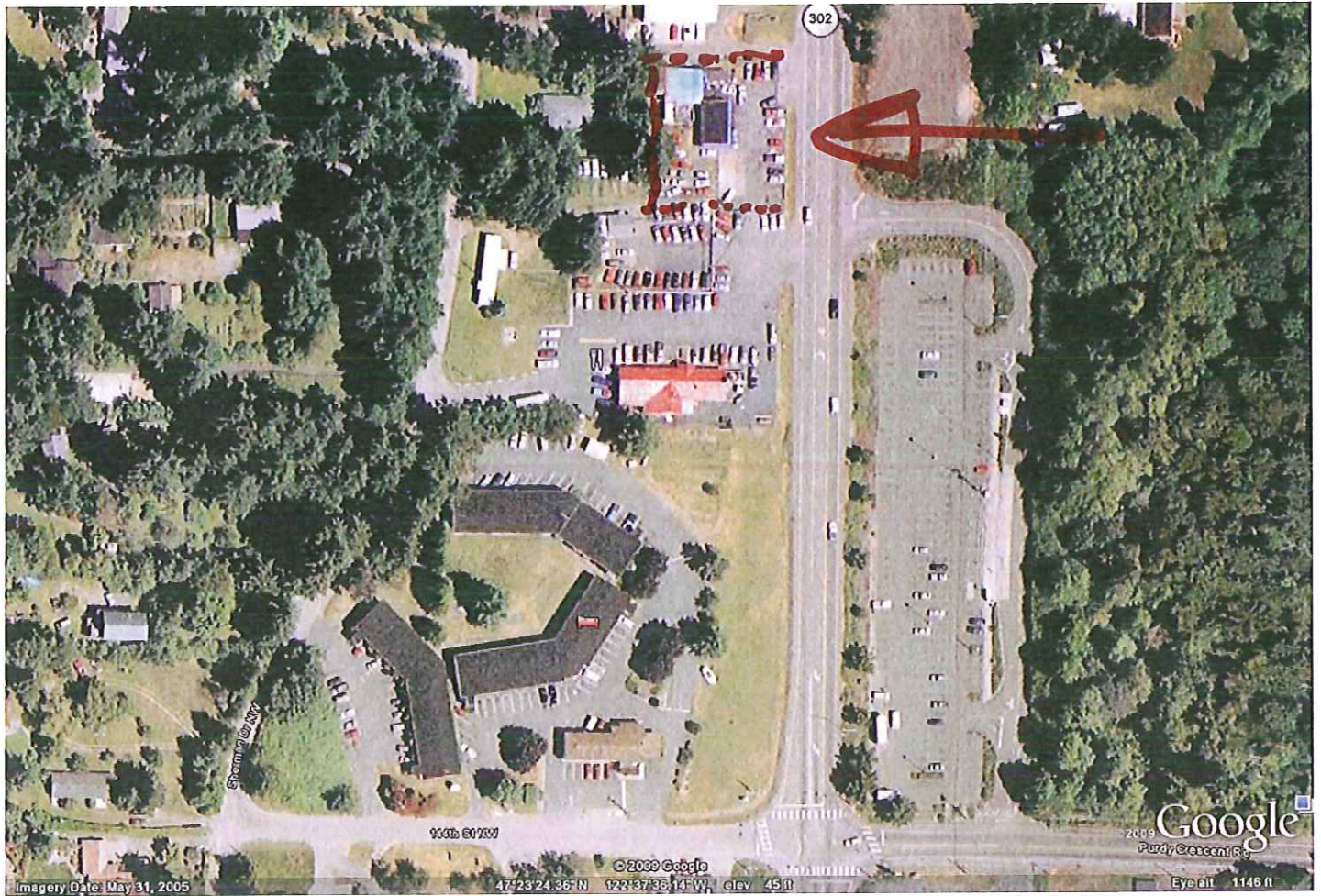


INQUIRY #: 2668220.4

YEAR: 2006

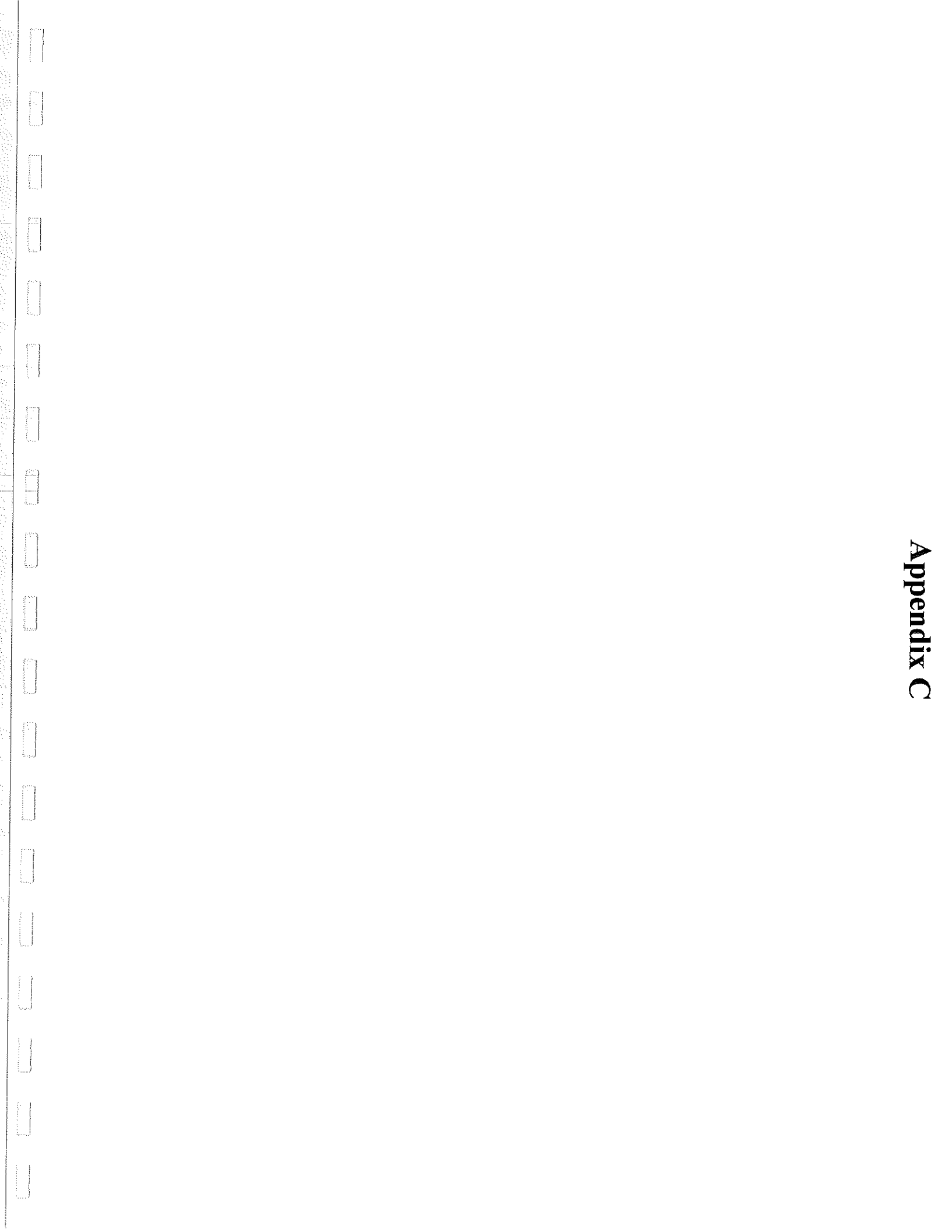
 = 604'





PRESENT  
DAY  
VIEW  
NW

# Appendix C



## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 0122133089

01/07/2010 03:35 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> LARSON LEONARD & TRACEY <b>Mailing Address:</b> 5066 SE HOVGAARD RD OLALLA WA 98359-9703		<b>Property Details</b> <b>Parcel Number:</b> 0122133089 <b>Site Address:</b> 14610 PURDY DR NW <b>Account Type:</b> Real Property <b>Category:</b> Land and Improvements <b>Use Code:</b> 6410-AUTO REPAIR SERVICES	
<b>Appraisal Details</b> <b>Value Area:</b> PI Year 2 <b>Appr Acct Type:</b> Commercial <b>Business Name:</b> GIG HARBOR TRANSMISSION SERVICE <b>Last Inspection:</b> 10/12/2009 - Physical Inspection		<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 514,600 <b>Assessed Value:</b> 514,600	
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property <a href="#">2896006035</a> parcel(s) located on this parcel: Real parcel on which this parcel is located: n/a			
<b>Tax Description</b> Section 13 Township 22 Range 01 Quarter 33 : COM AT SE COR OF GOVT LOT 4 TH N ALG E LI OF SD LOT 616.00 FT TO POB TH W 167.80 FT PAR/W S LI OF SD LOT TH N 144.00 FT PAR/W E LI OF SD LOT 4 TH E 167.80 FT PAR/W S LI OF SD LOT TO E LI OF SD LOT 4 TH S 144.00 FT ALG E LI OF LOT TO TRUE POB EXC ST HWY #14 (SR 302) TOG/W POR OF SR 302 PER AFN 99-05-10-0440 SEG G 6972 SP DC11/02/98MM DC1/6/2000MA			

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**"Our office works for you, the taxpayer"**

**Pierce County Assessor-Treasurer**  
**Dale Washam**  
 2401 South 35th St Room 142  
 Tacoma, Washington 98409  
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[www.piercecountywa.org/atr](http://www.piercecountywa.org/atr)

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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 2003348530

01/07/2010 03:36 PM

<b>Taxpayer Details</b>		<b>Property Details</b>	
<b>Taxpayer Name:</b>	GIG HARBOR TANSMISSION INC	<b>Parcel Number:</b>	2003348530
<b>Mailing Address:</b>	14610 PURDY DR NW GIG HARBOR WA 98332-8708	<b>Site Address:</b>	14610 PURDY DR NW
		<b>Account Type:</b>	Personal Property
		<b>Category:</b>	
		<b>Use Code:</b>	6400-REPAIR SERVICES
<b>Appraisal Details</b>		<b>Tax/Assessment</b>	
<b>Value Area:</b>		<b>Current Tax Year:</b>	2010
<b>Appr Acct Type:</b>		<b>Taxable Value:</b>	3,312
<b>Business Name:</b>		<b>Assessed Value:</b>	3,312
<b>Related Parcels</b>			
Group Account Number:	n/a		
Mobile/MFG Home and Personal Property parcel(s) located on this parcel:	n/a		
Real parcel on which this parcel is located:	<a href="#">0122133108</a>		
<b>Tax Description</b>			
NO LEGAL RECORD FOR PERSONAL PROPERTY			

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Dale Washam**  
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Tacoma, Washington 98409  
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Pierce County Assessor-Treasurer ePIP

Search Results

01/07/2010 03:36 PM

1 record(s) found for parcel number 0122133108

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">0122133108</a>	REAL	Active	ADAMS JOYCE & FRANK WESTRUM	14232 SHERMAN DR NW	

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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 0122133108

01/07/2010 03:37 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> ADAMS JOYCE & FRANK WESTRUM <b>Mailing Address:</b> PO BOX 277 PORT ORCHARD WA 98366-0277		<b>Property Details</b> <b>Parcel Number:</b> 0122133108 <b>Site Address:</b> 14232 SHERMAN DR NW <b>Account Type:</b> Real Property <b>Category:</b> Land and Improvements <b>Use Code:</b> 1101-SINGLE FAMILY DWELLING	
<b>Appraisal Details</b> <b>Value Area:</b> PI Year 1 <b>Appr Acct Type:</b> Residential <b>Business Name:</b> <b>Last Inspection:</b> 10/22/2009 - Physical Inspection		<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 202,400 <b>Assessed Value:</b> 202,400	
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property <a href="#">2003348530</a> parcel(s) located on this parcel: Real parcel on which this parcel is located: n/a			
<b>Tax Description</b> Section 13 Township 22 Range 01 Quarter 33 : COM AT SE COR OF GOVT LOT 4 TH N ALG E LI SD LOT 660 FT TH W 167.80 FT PAR/W S LI SD LOT TO POB TH CONT W TO ELY LI PURDY-GIG HARBOR CO RD TH NLY ALG SD E LI TO A PT 760 FT N OF S LI SD LOT TH E PAR/W S LI SD LOT TO A PT 167.80 FT W OF E LI SD LOT 4 TH S 100 FT PAR/W E LI SD LOT 4 TO POB OUT OF 3/107 SEG K-1130 DL OJ			

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**Pierce County Assessor-Treasurer ePIP**

**Search Results**

01/07/2010 03:37 PM

**1 record(s) found for parcel number 2003348530**

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">2003348530</a>	PERS	Active	GIG HARBOR TANSMISSION INC	14610 PURDY DR NW	

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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 2003348530

01/07/2010 03:36 PM

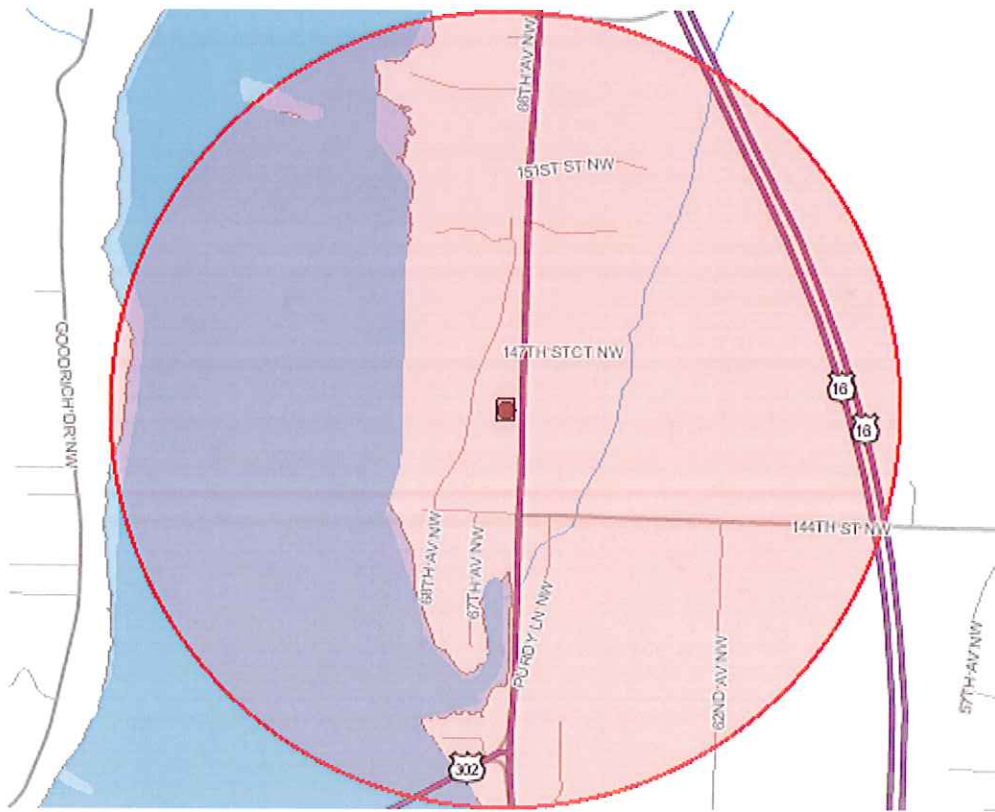
<b>Taxpayer Details</b> <b>Taxpayer Name:</b> GIG HARBOR TANSMISSION INC <b>Mailing Address:</b> 14610 PURDY DR NW GIG HARBOR WA 98332-8708	<b>Property Details</b> <b>Parcel Number:</b> 2003348530 <b>Site Address:</b> 14610 PURDY DR NW <b>Account Type:</b> Personal Property <b>Category:</b> <b>Use Code:</b> 6400-REPAIR SERVICES
<b>Appraisal Details</b> <b>Value Area:</b> <b>Appr Acct Type:</b> <b>Business Name:</b>	<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 3,312 <b>Assessed Value:</b> 3,312
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property n/a parcel(s) located on this parcel: Real parcel on which this parcel is located: <a href="#">0122133108</a>	
<b>Tax Description</b> NO LEGAL RECORD FOR PERSONAL PROPERTY	

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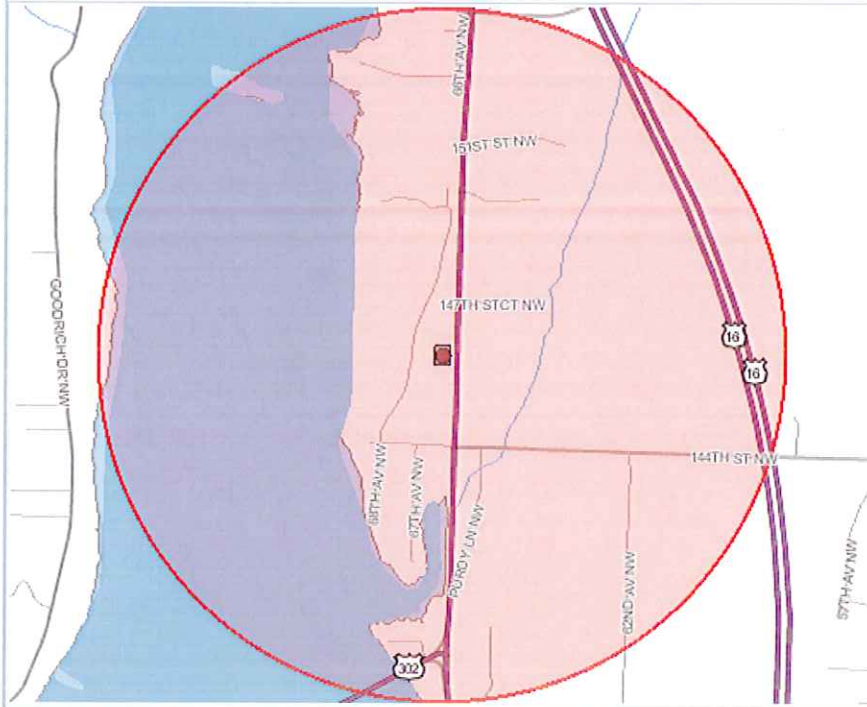
**Pierce County Assessor-Treasurer ePIP**

**Property Sales Search**

01/07/2010 03:43 PM

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**Sales Search Results**



**1 record(s) found**

[Return to search form](#)

**Search Criteria Used:**

**Acct Type:** Commercial  
**Bldg Size From:** 820  
**Bldg Size To:** 1230  
**Lot SF From:** 12418  
**Lot SF To:** 18628  
**Search Type:** 1/2 Mile Radius  
**Subject Parcel:** 0122133089  
**Yr Built From:** 1941  
**Yr Built To:** 1961

**Sale Parcels**

Select the Excise Tax Number (ETN) to view additional sale characteristics

ETN	Parcel	Multi Parcel	Sale Date	Sale Price	Account Type	Bldg Size	Lot Size	Year Built	Quality	Address
<a href="#">4189079</a>	0122133089		05/05/2008	250,000	Commercial	1,202	15,523	1951	Low	14610 PURDY DR NW

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**Sale Details for ETN 4189079**

01/07/2010 03:44 PM

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<b>Sale Date:</b>	05/05/2008	<b>Parcels Sold:</b>	1
<b>Sale Price:</b>	\$250,000.00	<b>Document Type:</b>	Statutory Warranty Deed
<b>Valid/Invalid Sale:</b>	Valid	<b>Gross Land SF:</b>	15,523
<b>Sale \$/SF:</b>	\$207.99	<b>Building SF:</b>	1,202
<b>Sale \$/Unit:</b>	\$83,333.33	<b>Total Units:</b>	3
<b>Occupancy Codes:</b>	Auto Related, Outbuilding		

**Sale Parcel**

<b>Address:</b>	14610 PURDY DR NW	<b>Bus Name:</b>	GIG HARBOR TRANSMISSION SERVICE		
<b>Parcel:</b>	<a href="#">0122133089</a>	<b>Approach:</b>	Market		
<b>Acct Type:</b>	Commercial	<b>Land SF:</b>	15,523		
<b>Prop Type:</b>	Commercial	<b>Net Land SF:</b>	15,523		
<b>Blt As:</b>	Service Garage				
<b>Occupancy:</b>	Auto Related				
<b>Class:</b>	D	<b>Yr Blt:</b>	1951	<b>Units:</b>	3
<b>Qual:</b>	Low	<b>Adj Yr Blt:</b>	1975	<b>Imp SF:</b>	1,202
<b>Cond:</b>	Fair	<b>HVAC:</b>	None	<b>Outbdgs:</b>	
				<b>Outbldg SF:</b>	

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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 0122133089

01/07/2010 03:45 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> LARSON LEONARD & TRACEY <b>Mailing Address:</b> 5066 SE HOVGAARD RD OLALLA WA 98359-9703		<b>Property Details</b> <b>Parcel Number:</b> 0122133089 <b>Site Address:</b> 14610 PURDY DR NW <b>Account Type:</b> Real Property <b>Category:</b> Land and Improvements <b>Use Code:</b> 6410-AUTO REPAIR SERVICES	
<b>Appraisal Details</b> <b>Value Area:</b> PI Year 2 <b>Appr Acct Type:</b> Commercial <b>Business Name:</b> GIG HARBOR TRANSMISSION SERVICE <b>Last Inspection:</b> 10/12/2009 - Physical Inspection		<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 514,600 <b>Assessed Value:</b> 514,600	
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property <a href="#">2896006035</a> parcel(s) located on this parcel: Real parcel on which this parcel is located: n/a			
<b>Tax Description</b> Section 13 Township 22 Range 01 Quarter 33 : COM AT SE COR OF GOVT LOT 4 TH N ALG E LI OF SD LOT 616.00 FT TO POB TH W 167.80 FT PAR/W S LI OF SD LOT TH N 144.00 FT PAR/W E LI OF SD LOT 4 TH E 167.80 FT PAR/W S LI OF SD LOT TO E LI OF SD LOT 4 TH S 144.00 FT ALG E LI OF LOT TO TRUE POB EXC ST HWY #14 (SR 302) TOG/W POR OF SR 302 PER AFN 99-05-10-0440 SEG G 6972 SP DC11/02/98MM DC1/6/2000MA			

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**Pierce County Assessor-Treasurer ePIP****Search Results**

01/07/2010 03:46 PM

**1 record(s) found for parcel number 2896006035**

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">2896006035</a>	PERS	Inactive	SIERRACITIES COM	EQUIP IN GIG HARBOR	

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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 2098009795

01/07/2010 03:50 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> AUTO WAUNE <b>Mailing Address:</b> JAMSHID SADRI 13214 EMERALD DR NW GIG HARBOR WA 98329-8620	<b>Property Details</b> <b>Parcel Number:</b> 2098009795 <b>Site Address:</b> 14613 SHERMAN DR NW <b>Account Type:</b> Personal Property <b>Category:</b> <b>Use Code:</b> 6410-AUTO REPAIR SERVICES
<b>Appraisal Details</b> <b>Value Area:</b> <b>Appr Acct Type:</b> <b>Business Name:</b>	<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 2,898 <b>Assessed Value:</b> 2,898
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property n/a parcel(s) located on this parcel: Real parcel on which this parcel is located: <a href="#">0122133024</a>	
<b>Tax Description</b> NO LEGAL RECORD FOR PERSONAL PROPERTY	

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**Pierce County Assessor-Treasurer ePIP**

**Search Results**

01/07/2010 03:50 PM

**1 record(s) found for parcel number 2897005389**

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">2897005389</a>	PERS	Inactive	PUGET SOUND LEASING CO INC	MIKES NW AUTO LLC	

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**Pierce County Assessor-Treasurer ePIP**

**Parcel Summary for 2896006035 - Inactive Account**

01/07/2010 03:46 PM

<p><b>Taxpayer Details</b>  <b>Taxpayer Name:</b> SIERRACITIES COM  <b>Mailing Address:</b> CBIZ PROPERTY TAX SOLUTIONS PMB401                  820 S MACARTHUR BLVD # 105-401                  COPPELL TX 75019-4216</p>	<p><b>Property Details</b>  <b>Parcel Number:</b> 2896006035  <b>Site Address:</b> EQUIP IN GIG HARBOR  <b>Account Type:</b> Personal Property  <b>Category:</b>  <b>Use Code:</b> 6394-EQUIPMENT LEASING</p>
---	---

<p><b>Related Parcels</b>                  Group Account Number: n/a                  Mobile/MFG Home and Personal Property parcel(s) located on this parcel: n/a                  Real parcel on which this parcel is located: <a href="#">0122133089</a></p>
--

<p><b>Tax Description</b>                  NO LEGAL RECORD FOR PERSONAL PROPERTY</p>
--

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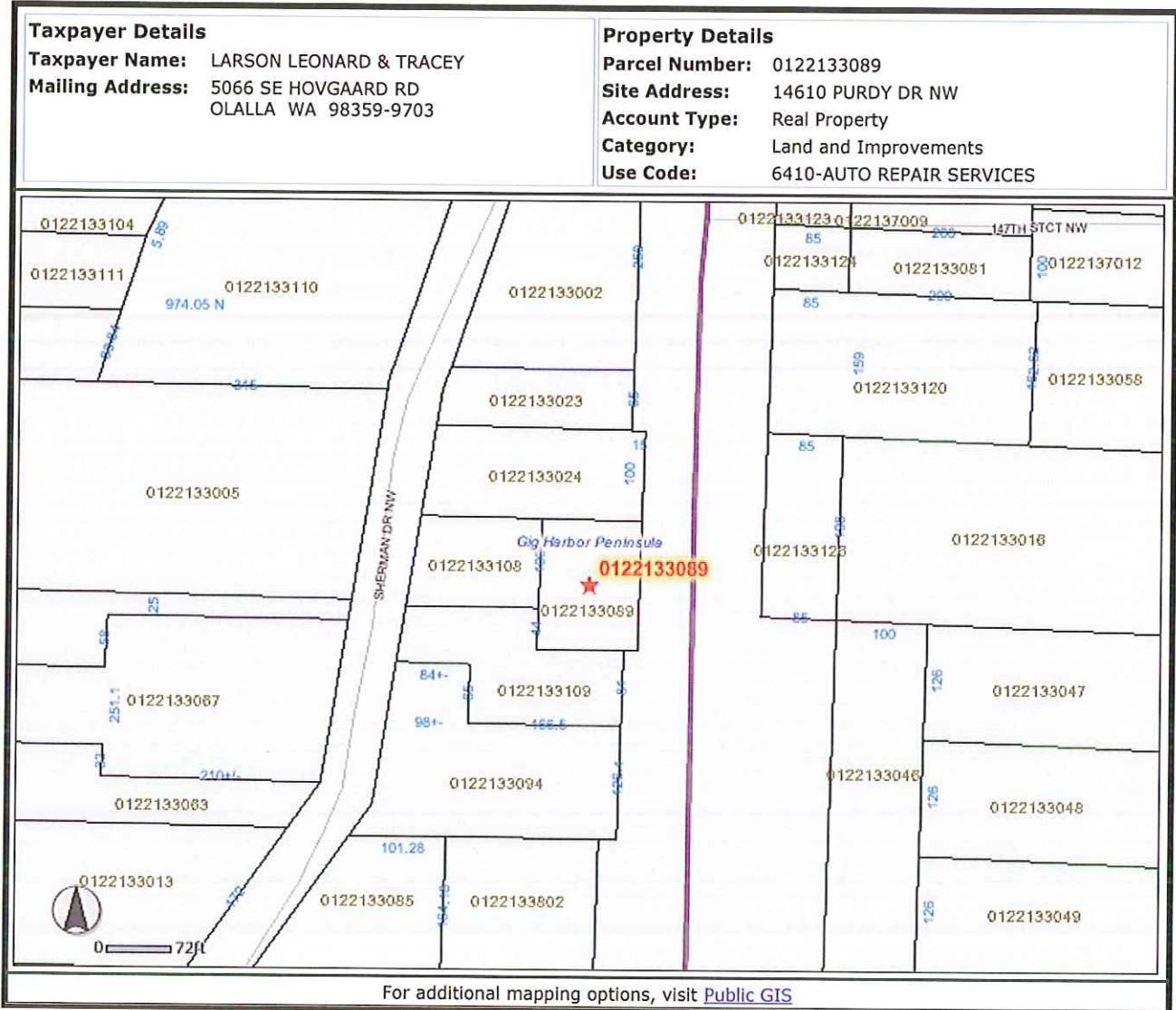
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Pierce County Assessor-Treasurer ePIP

Parcel Map for 0122133089

01/07/2010 03:47 PM



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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 0122133024

01/07/2010 03:50 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> SADRI JAMSHID <b>Mailing Address:</b> 13214 EMERALD DR NW GIG HARBOR WA 98329-8620	<b>Property Details</b> <b>Parcel Number:</b> 0122133024 <b>Site Address:</b> 14613 SHERMAN DR NW <b>Account Type:</b> Real Property <b>Category:</b> Land and Improvements <b>Use Code:</b> 6410-AUTO REPAIR SERVICES
<b>Appraisal Details</b> <b>Value Area:</b> PI Year 2 <b>Appr Acct Type:</b> Commercial <b>Business Name:</b> C & M AUTOMOTIVE <b>Last Inspection:</b> 10/16/2009 - Physical Inspection	<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 362,500 <b>Assessed Value:</b> 362,500
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property <a href="#">2098009795</a> <a href="#">2897005389</a> parcel(s) located on this parcel: Real parcel on which this parcel is located: n/a	
<b>Tax Description</b> Section 13 Township 22 Range 01 Quarter 33 : N 100 FT OF S 200 FT OF FOLL BEG 40 RODS N OF SE COR OF LOT 4 TH W 348 FT TH NELY TO A PT 129 FT W OF NE COR OF SD LOT 4 TH E 129 FT TH S 40 RODS TO BEG LESS RDS TOG/W POR CYD BY STATE OF WASH BY AFN 2004-02-03-0148 DC/BL 04-26-06BL	

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**Pierce County Assessor-Treasurer ePIP**

**Search Results**

01/07/2010 03:50 PM

**1 record(s) found for parcel number 2098009795**

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">2098009795</a>	PERS	Active	AUTO WAUNE	14613 SHERMAN DR NW	

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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 2897005389 - Inactive Account

01/07/2010 03:51 PM

Taxpayer Details		Property Details	
<b>Taxpayer Name:</b>	PUGET SOUND LEASING CO INC	<b>Parcel Number:</b>	2897005389
<b>Mailing Address:</b>	CBIZ PROPERTY TAX SOLUTIONS 820 S MACARTHUR BLVD STE 105-401 COPPELL TX 75019-4216	<b>Site Address:</b>	MIKES NW AUTO LLC
		<b>Account Type:</b>	Personal Property
		<b>Category:</b>	
		<b>Use Code:</b>	6394-EQUIPMENT LEASING

Related Parcels	
Group Account Number:	n/a
Mobile/MFG Home and Personal Property parcel(s) located on this parcel:	n/a
Real parcel on which this parcel is located:	<a href="#">0122133024</a>

Tax Description
NO LEGAL RECORD FOR PERSONAL PROPERTY

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**Pierce County Assessor-Treasurer ePIP**

**Search Results**

01/07/2010 03:51 PM

**1 record(s) found for parcel number 0122133108**

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">0122133108</a>	REAL	Active	ADAMS JOYCE & FRANK WESTRUM	14232 SHERMAN DR NW	

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## Pierce County Assessor-Treasurer ePIP

## Parcel Summary for 0122133108

01/07/2010 03:51 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> ADAMS JOYCE & FRANK WESTRUM <b>Mailing Address:</b> PO BOX 277 PORT ORCHARD WA 98366-0277		<b>Property Details</b> <b>Parcel Number:</b> 0122133108 <b>Site Address:</b> 14232 SHERMAN DR NW <b>Account Type:</b> Real Property <b>Category:</b> Land and Improvements <b>Use Code:</b> 1101-SINGLE FAMILY DWELLING	
<b>Appraisal Details</b> <b>Value Area:</b> PI Year 1 <b>Appr Acct Type:</b> Residential <b>Business Name:</b> <b>Last Inspection:</b> 10/22/2009 - Physical Inspection		<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 202,400 <b>Assessed Value:</b> 202,400	
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property <a href="#">2003348530</a> parcel(s) located on this parcel: Real parcel on which this parcel is located: n/a			
<b>Tax Description</b> Section 13 Township 22 Range 01 Quarter 33 : COM AT SE COR OF GOVT LOT 4 TH N ALG E LI SD LOT 660 FT TH W 167.80 FT PAR/W S LI SD LOT TO POB TH CONT W TO ELY LI PURDY-GIG HARBOR CO RD TH NLY ALG SD E LI TO A PT 760 FT N OF S LI SD LOT TH E PAR/W S LI SD LOT TO A PT 167.80 FT W OF E LI SD LOT 4 TH S 100 FT PAR/W E LI SD LOT 4 TO POB OUT OF 3/107 SEG K-1130 DL OJ			

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**Parcel Summary for 2003348530**

01/07/2010 03:52 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> GIG HARBOR TANSMISSION INC <b>Mailing Address:</b> 14610 PURDY DR NW GIG HARBOR WA 98332-8708	<b>Property Details</b> <b>Parcel Number:</b> 2003348530 <b>Site Address:</b> 14610 PURDY DR NW <b>Account Type:</b> Personal Property <b>Category:</b> <b>Use Code:</b> 6400-REPAIR SERVICES
<b>Appraisal Details</b> <b>Value Area:</b> <b>Appr Acct Type:</b> <b>Business Name:</b>	<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 3,312 <b>Assessed Value:</b> 3,312
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property n/a parcel(s) located on this parcel: Real parcel on which this parcel is located: <a href="#">0122133108</a>	
<b>Tax Description</b> NO LEGAL RECORD FOR PERSONAL PROPERTY	

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**Pierce County Assessor-Treasurer ePIP**

**Search Results**

01/07/2010 03:52 PM

**1 record(s) found for parcel number 0122133109**

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">0122133109</a>	REAL	Active	BAY CITY MOTOR INC	14518 PURDY DR NW	

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**Pierce County Assessor-Treasurer ePIP**

**Parcel Summary for 0122133109**

01/07/2010 03:52 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> BAY CITY MOTOR INC <b>Mailing Address:</b> 3702 HARBORVIEW DR GIG HARBOR WA 98332-2130		<b>Property Details</b> <b>Parcel Number:</b> 0122133109 <b>Site Address:</b> 14518 PURDY DR NW <b>Account Type:</b> Real Property <b>Category:</b> Land and Improvements <b>Use Code:</b> 5520-USED CAR LOTS ONLY RETAIL	
<b>Appraisal Details</b> <b>Value Area:</b> PI Year 2 <b>Appr Acct Type:</b> Commercial <b>Business Name:</b> AUTO & RV COUNTRY STORE <b>Last Inspection:</b> 10/12/2009 - Physical Inspection		<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 243,300 <b>Assessed Value:</b> 243,300	
<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property <a href="#">2620007470</a> parcel(s) located on this parcel: Real parcel on which this parcel is located: n/a			
<b>Tax Description</b> Section 13 Township 22 Range 01 Quarter 33 : COM AT INTER OF N LI OF S 1/2 OF LOT 4 WITH W LI OF STATE HWY #14 TH S 44 FT TO POB TH CONT S 81 FT TH N 88 DEG 43 MIN 23 SEC W PAR/W N LI OF S 1/2 OF SD LOT 166.5 FT TH N PAR/W SD W LI SD HWY 65 FT TH N 88 DEG 43 MIN 23 SEC W 84 FT M/L TO E LI PURDY GIG HARBOR CO RD TH NELY ALG E LI SD CO RD TO N LI S 1/2 OF SD LOT 4 TH E ALG SD N LI TO A PT 167.80 FT W OF E LI OF SD L 4 TH S 44 FT TO POB EXC STATE HWY #14 OUT OF 3/107 SEG K-1130 DL OJ			

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**Pierce County Assessor-Treasurer ePIP**

**Search Results**

01/07/2010 03:53 PM

**1 record(s) found for parcel number 2620007470**

Parcel	Type	Status	Taxpayer Name	Site Address	Pay Online
<a href="#">2620007470</a>	PERS	Active	BAY CITY MOTORS INC	14518 PURDY DR NW	

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**Pierce County Assessor-Treasurer ePIP**

**Parcel Summary for 2620007470**

01/07/2010 03:53 PM

<b>Taxpayer Details</b> <b>Taxpayer Name:</b> BAY CITY MOTORS INC <b>Mailing Address:</b> FRANICH JAMES M 14518 PURDY DR NW GIG HARBOR WA 98332-8730	<b>Property Details</b> <b>Parcel Number:</b> 2620007470 <b>Site Address:</b> 14518 PURDY DR NW <b>Account Type:</b> Personal Property <b>Category:</b> <b>Use Code:</b> 6410-AUTO REPAIR SERVICES
--	---

<b>Appraisal Details</b> <b>Value Area:</b> <b>Appr Acct Type:</b> <b>Business Name:</b>	<b>Tax/Assessment</b> <b>Current Tax Year:</b> 2010 <b>Taxable Value:</b> 5,070 <b>Assessed Value:</b> 5,070
---	---

<b>Related Parcels</b> Group Account Number: n/a Mobile/MFG Home and Personal Property n/a parcel(s) located on this parcel: Real parcel on which this parcel is located: <a href="#">0122133109</a>
--

<b>Tax Description</b> NO LEGAL RECORD FOR PERSONAL PROPERTY
---

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**Pierce County Assessor-Treasurer ePIP**

**Property Sales Search**

01/07/2010 03:53 PM

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Choose to search by **either** a known parcel number **or** a specified appraisal area

**Subject Parcel**

Parcel Number:

Search Distance:

**Appraisal Area**

OR Appraisal Area:

Neighborhood: (optional)

**Optional Search Criteria**

Sale Date Range: (mm/dd/yyyy)  to

Sale Price Range: (\$)  to

Single Parcel Sales Only:

Account Type:

Lot Size: (sf)  to

Lot Size: (acres)  to

Waterfront Only:

View Only:

Building Size: (above grade sf)  to  2,161

Year Built: (yyyy)  to  1975

Occupancy:  391,730  
 (Ctrl or Shift click for multiple selections)  
 100 Single Family Residential  
 102 Duplex  
 106 Triplex

Building Quality:  Average  
 (Ctrl or Shift click for multiple selections)  
 Low  
 Low Plus  
 Fair

Sales are available from **01/01/2007** to the present

**Subject Parcel Characteristics:**

Commercial

23,474

0.5389

2,161

1975

391,730

Average

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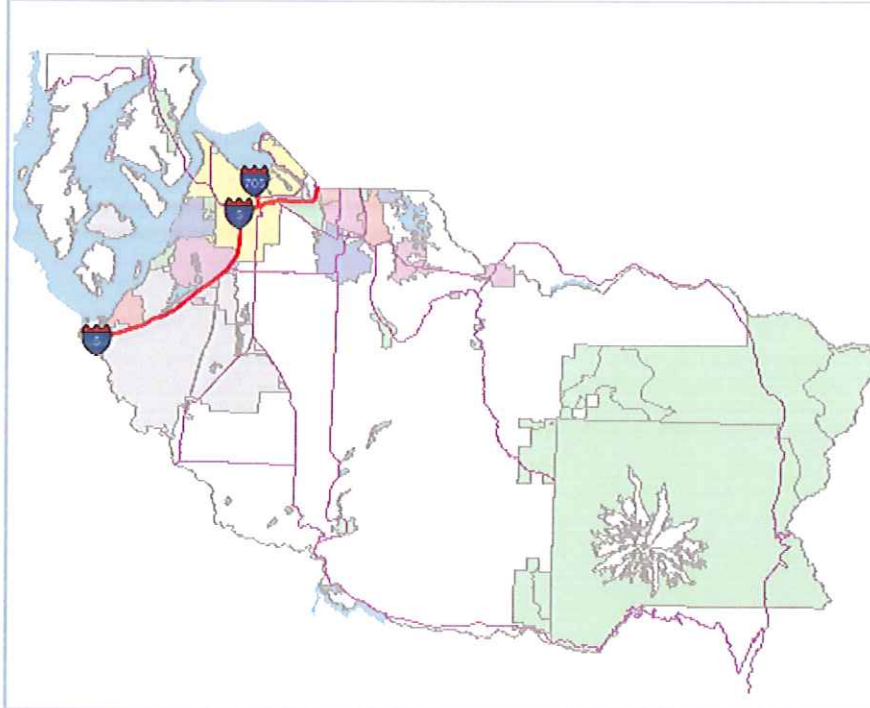
### Pierce County Assessor-Treasurer ePIP

### Property Sales Search

01/07/2010 03:54 PM

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#### Sales Search Results



**No sales were found.** Please change your search criteria and try again.

[Return to search form](#)

**Search Criteria Used:**

<b>Acct Type:</b>	Commercial
<b>Appr Area:</b>	305
<b>Bldg Size From:</b>	1729
<b>Bldg Size To:</b>	2593
<b>Lot SF From:</b>	18779
<b>Lot SF To:</b>	28169
<b>Search Type:</b>	Same Appraisal Area/LEA
<b>Yr Built From:</b>	1965
<b>Yr Built To:</b>	1985

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Choose to search by either a known parcel number or a specified appraisal area

Subject Parcel

Parcel Number: 0122133108 Update

Search Distance: Same Appraisal Area / Neighborhood

Appraisal Area

OR Appraisal Area: [dropdown]

Neighborhood: (optional) [dropdown]

Optional Search Criteria

Sale Date Range: (mm/dd/yyyy) [ ] to [ ]

Sales are available from 01/01/2007 to the present

Sale Price Range: (\$) [ ] to [ ]

Single Parcel Sales Only:

Subject Parcel Characteristics:

Account Type: Residential [dropdown]

Residential

Lot Size: (sf) 11500 to 17250

14,375

Lot Size: (acres) 0.2640 to 0.3960

0.3300

Waterfront Only:

View Only:

Building Size: (above grade sf) 1248 to 1872

1,560

Year Built: (yyyy) 1938 to 1958

1948

Occupancy: (Ctrl or Shift click for multiple selections) All, 100 Single Family Residential, 102 Duplex, 106 Triplex

100

Building Quality: (Ctrl or Shift click for multiple selections) All, Low, Low Plus, Fair

Average

Search Clear

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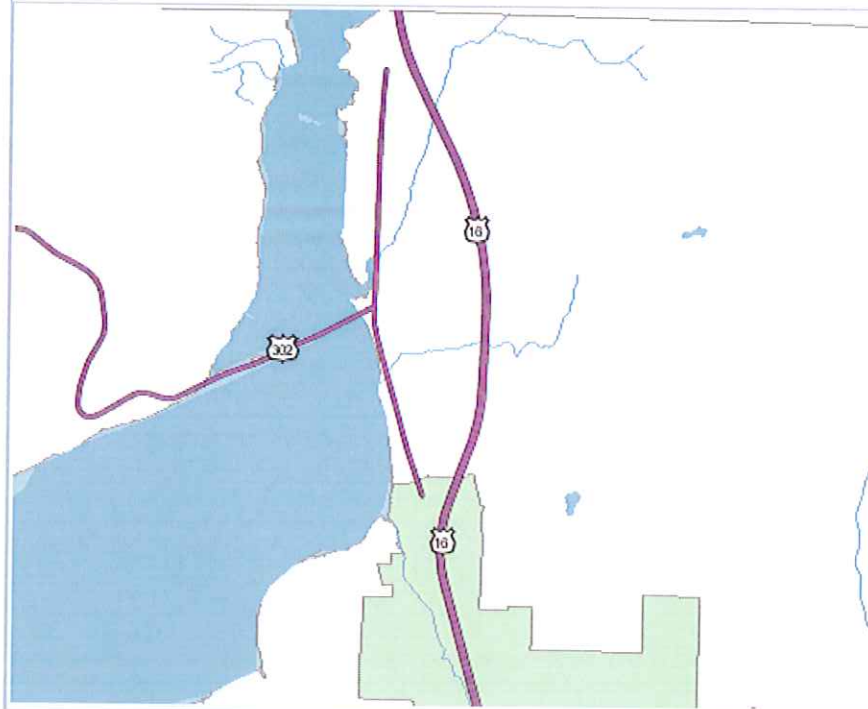
## Pierce County Assessor-Treasurer ePIP

## Property Sales Search

01/07/2010 03:55 PM

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## Sales Search Results



**No sales were found.** Please change your search criteria and try again.

[Return to search form](#)

## Search Criteria Used:

<b>Acct Type:</b>	Residential
<b>Appr Area:</b>	11
<b>Bldg Size From:</b>	1248
<b>Bldg Size To:</b>	1872
<b>Lot SF From:</b>	11500
<b>Lot SF To:</b>	17250
<b>Neighborhood:</b>	110105
<b>Search Type:</b>	Same Appraisal Area/LEA
<b>Yr Built From:</b>	1938
<b>Yr Built To:</b>	1958

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**Pierce County Assessor-Treasurer ePIP**

**Property Sales Search**

01/07/2010 03:55 PM

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Choose to search by **either** a known parcel number **or** a specified appraisal area

<b>Subject Parcel</b>		<b>Appraisal Area</b>	
Parcel Number:	<input type="text" value="0122133109"/> <input type="button" value="Update"/>	OR Appraisal Area:	<input type="text"/>
Search Distance:	<input type="text" value="Same Appraisal Area / Neighborhood"/>	Neighborhood: (optional)	<input type="text"/>

**Optional Search Criteria**

<b>Sale Date Range:</b> (mm/dd/yyyy)	<input type="text"/> to <input type="text"/>	Sales are available from <b>01/01/2007</b> to the present
<b>Sale Price Range:</b> (\$)	<input type="text"/> to <input type="text"/>	
<b>Single Parcel Sales Only:</b>	<input type="checkbox"/>	<b>Subject Parcel Characteristics:</b>
<b>Account Type:</b>	<input type="text" value="Commercial"/>	Commercial
<b>Lot Size:</b> (sf)	<input type="text" value="17424"/> to <input type="text" value="26136"/>	21,780
<b>Lot Size:</b> (acres)	<input type="text" value="0.4000"/> to <input type="text" value="0.6000"/>	0.5000
<b>Waterfront Only:</b>	<input type="checkbox"/>	
<b>View Only:</b>	<input type="checkbox"/>	
<b>Building Size:</b> (above grade sf)	<input type="text" value="672"/> to <input type="text" value="1008"/>	840
<b>Year Built:</b> (yyyy)	<input type="text" value="1955"/> to <input type="text" value="1975"/>	1965
<b>Occupancy:</b> (Ctrl or Shift click for multiple selections)	<input type="text" value="All"/> 100 Single Family Residential 102 Duplex 106 Triplex	820
<b>Building Quality:</b> (Ctrl or Shift click for multiple selections)	<input type="text" value="All"/> Low Low Plus Fair	Low

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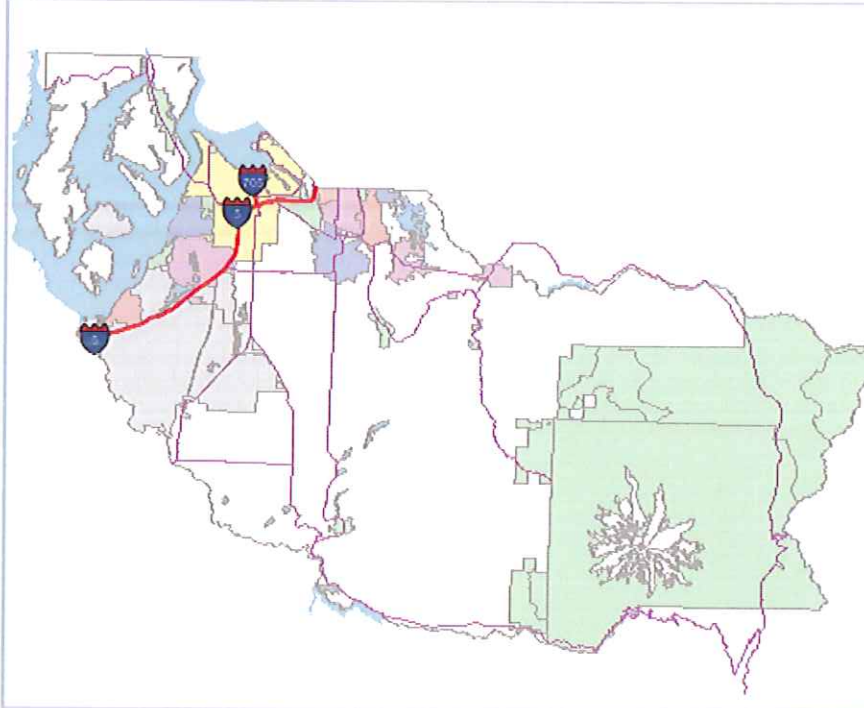
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#### Property Sales Search

01/07/2010 03:55 PM

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#### Sales Search Results



**No sales were found.** Please change your search criteria and try again.

[Return to search form](#)

**Search Criteria Used:**

**Acct Type:** Commercial  
**Appr Area:** 305  
**Bldg Size From:** 672  
**Bldg Size To:** 1008  
**Lot SF From:** 17424  
**Lot SF To:** 26136  
**Search Type:** Same Appraisal Area/LEA  
**Yr Built From:** 1955  
**Yr Built To:** 1975

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*"Our office works for you, the taxpayer"*

**Pierce County Assessor-Treasurer  
 Dale Washam**  
 2401 South 35th St Room 142  
 Tacoma, Washington 98409  
 (253)798-6111 or Fax (253)798-3142  
[www.piercecountywa.org/atr](http://www.piercecountywa.org/atr)

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## Excise Tax

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Document Detail

Instrument Number: 4131232  
 Sequence #: 0  
 Location Filed: DEFAULT  
 Date Received: 06/30/2006 12:15:25 PM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book: 0  
 Page: 0  
 Consideration: \$0.00  
 Image:

Grantors

Grantees

Sale Information

Sale Date	Sale Amount	Assessed	Tax Amount	Debt Amount	Deduction
06/27/2006	\$385,000.00	\$233,600.00	\$6,858.00		

Property Information

Property Type	Principal Use	Tax Exempt	Tax Notation
		No	

Property Flags

Current Use Land	Exempt NonProfit	Forest Land	Mobile Home	Historic Property	Penalty Waived
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tax Related Name & Address

Name	Address	City - State - Zip	Remarks
		Unknown City	

Tax Parcels

#	Parcel #	Sale Price	Municipality	Area Code	Remarks
1	0122133024	\$385,000.00	PIERCE COUNTY	AREA CODE 472	

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200606300503</a>	STATUTORY WARRANTY DEED	NONE	0	0	Internal

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## Excise Tax

### Document Detail

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Document Detail

Instrument Number: 1101665  
 Sequence #: 0  
 Location Filed: DEFAULT  
 Date Received: 08/08/2002 10:47:08 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

Grantors

NONE

Grantees

NONE

Sale Information

Sale Date	Sale Amount	Assessed	Tax Amount	Debt Amount	Deduction
08/03/2002					

Property Information

Property Type	Principal Use	Tax Exempt	Tax Notation
		Yes	

Property Flags

Current Use Land	Exempt NonProfit	Forest Land	Mobile Home	Historic Property	Penalty Waived
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tax Related Name & Address

Name	Address	City - State - Zip	Remarks
		Unknown City	

Tax Parcels

#	Parcel #	Sale Price	Municipality	Area Code	Remarks
1	0122133108	\$0.00	PIERCE COUNTY	AREA CODE 127	

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200208080470</a>	QUIT CLAIM DEED				Internal

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## Excise Tax

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Document Detail

Instrument Number: 1000215  
 Sequence #: 0  
 Location Filed: DEFAULT  
 Date Received: 06/10/1999 9:48:42 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

Grantors

NONE

Grantees

NONE

Sale Information

Sale Date	Sale Amount	Assessed	Tax Amount	Debt Amount	Deduction
12/04/1987					

Property Information

Property Type	Principal Use	Tax Exempt	Tax Notation
		Yes	

Property Flags

Current Use Land	Exempt NonProfit	Forest Land	Mobile Home	Historic Property	Penalty Waived
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tax Related Name & Address

Name	Address	City - State - Zip	Remarks
		Unknown City	

Tax Parcels

#	Parcel #	Sale Price	Municipality	Area Code	Remarks
1	0122133109	\$0.00	PIERCE COUNTY	AREA CODE 127	

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9906100207</a>	QUIT CLAIM DEED				Internal

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## Excise Tax

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Document Detail

Instrument Number: 1000217  
 Sequence #: 0  
 Location Filed: DEFAULT  
 Date Received: 06/10/1999 9:52:44 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

Grantors

NONE

Grantees

NONE

Sale Information

Sale Date	Sale Amount	Assessed	Tax Amount	Debt Amount	Deduction
06/09/1999					

Property Information

Property Type	Principal Use	Tax Exempt	Tax Notation
		No	

Property Flags

Current Use Land	Exempt NonProfit	Forest Land	Mobile Home	Historic Property	Penalty Waived
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tax Related Name & Address

Name	Address	City - State - Zip	Remarks
		Unknown City	

Tax Parcels

#	Parcel #	Sale Price	Municipality	Area Code	Remarks
1	0122133109	\$121,786.45	PIERCE COUNTY	AREA CODE 127	

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9906100208</a>	STATUTORY WARRANTY DEED				Internal

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## Excise Tax

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### Document Detail

Instrument Number: 981724  
 Sequence #: 0  
 Location Filed: DEFAULT  
 Date Received: 11/05/1998 1:32:42 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

NONE

### Grantees

NONE

### Sale Information

Sale Date	Sale Amount	Assessed	Tax Amount	Debt Amount	Deduction
10/19/1998					

### Property Information

Property Type	Principal Use	Tax Exempt	Tax Notation
		Yes	

### Property Flags

Current Use Land	Exempt NonProfit	Forest Land	Mobile Home	Historic Property	Penalty Waived
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Tax Related Name & Address

Name	Address	City - State - Zip	Remarks
		Unknown City	

### Tax Parcels

#	Parcel #	Sale Price	Municipality	Area Code	Remarks
1	0122133109	\$0.00	PIERCE COUNTY	AREA CODE 127	

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9811080382</a>	QUIT CLAIM DEED				Internal

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### Document Detail

Instrument Number: 9811060382  
 Sequence #: 0  
 Date Received: 11/06/1998 10:59:07 AM  
 Document Type: QUIT CLAIM DEED  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

WASHINGTON STATE OF

### Grantees

HADFIELD JOYCE M  
 WESTRUM FRANK M

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133109	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">981724</a>	EXCISE TAX AFFIDAVIT				Internal

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Criteria: Parcel # is 0122133089

Search Results - 10 matches

Displaying Records 1 to 10

Instrument Number	Book-Page	Date Filed	Document Type	Name (+) = More Names	Name Type	Associated Name (+) = More Names	Name Type	Legal Description	Index Status	Image
<a href="#">979470</a>		10/12/1998	EXCISE TAX AFFIDAVIT	NONE	R	NONE	E		Perm	
<a href="#">9810120851</a>		10/12/1998	CONTRACT	WASHINGTON STATE DEPT OF TRANSPORTATION	R	WALSH MERVYN G JOAN	E	PARCEL # 0122133089	Perm	
<a href="#">997106</a>		05/07/1999	EXCISE TAX AFFIDAVIT	NONE	R	NONE	E		Perm	
<a href="#">9905100440</a>		05/10/1999	AMEND CONTRACT	WASHINGTON STATE OF	R	WALSH MERVYN G JOAN	E	PARCEL # 0122133089	Perm	
<a href="#">1058925</a>		05/01/2001	EXCISE TAX AFFIDAVIT	NONE	R	NONE	E		Perm	
<a href="#">200105010169</a>		05/01/2001	STATUTORY WARRANTY DEED	WALSH MERVYN JOAN L	R	BATEL ROBERT E KELLY S	E	PARCEL # 0122133089	Perm	
<a href="#">200105010170</a>		05/01/2001	DEED OF TRUST	BATEL ROBERT E KELLY S	R	WELLS FARGO FINANCIAL WA 1 INC (+)	E	PARCEL # 0122133089	Perm	
<a href="#">200105010171</a>		05/01/2001	DEED OF TRUST	BATEL ROBERT E KELLY S	R	WALSH MERVYN JOAN L (+)	E	PARCEL # 0122133089	Perm	
<a href="#">4189079</a>		05/06/2008	EXCISE TAX AFFIDAVIT		R		E	PARCEL 0122133089; SALEPRICE 250000; JUR COU; AREA 472	Perm	
<a href="#">200805070185</a>		05/07/2008	STATUTORY WARRANTY DEED	BARTEL ROBERT (+)	R	LARSON LEONARD (+)	E	PIN 0122133089	Perm	

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### Document Detail

Instrument Number: 979470  
 Sequence #: 0  
 Date Received: 10/12/1998 11:37:56 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

NONE

### Grantees

NONE

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200107130607</a>	QUIT CLAIM DEED				Internal
2	<a href="#">9810120851</a>	CONTRACT				Internal

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### Document Detail

Instrument Number: 200107130607  
 Sequence #: 0  
 Date Received: 07/13/2001 3:11:27 AM  
 Document Type: QUIT CLAIM DEED  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

WASHINGTON STATE DEPT TRANS

### Grantees

WALSH MERVYN G JOAN

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">979470</a>	EXCISE TAX AFFIDAVIT				Internal

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Document Detail

Instrument Number: 9810120851  
 Sequence #: 0  
 Date Received: 10/12/1998 3:38:25 AM  
 Document Type: CONTRACT  
 Book:  
 Page:  
 Consideration:  
 Image:

Grantors

WASHINGTON STATE DEPT OF TRANSPORTATION

Grantees

WALSH MERVYN G JOAN

Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">979470</a>	EXCISE TAX AFFIDAVIT				Internal
2	<a href="#">9905100440</a>	AMEND CONTRACT				Internal

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### Document Detail

Instrument Number: 9810120851  
 Sequence #: 0  
 Date Received: 10/12/1998 3:38:25 AM  
 Document Type: CONTRACT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

WASHINGTON STATE DEPT OF TRANSPORTATION

### Grantees

WALSH MERVYN G JOAN

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">979470</a>	EXCISE TAX AFFIDAVIT				Internal
2	<a href="#">9905100440</a>	AMEND CONTRACT				Internal

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## Excise Tax

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Document Detail

Instrument Number: 979470  
 Sequence #: 0  
 Location Filed: DEFAULT  
 Date Received: 10/12/1998 11:37:56 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

Grantors

NONE

Grantees

NONE

Sale Information

Sale Date	Sale Amount	Assessed	Tax Amount	Debt Amount	Deduction
09/30/1998					

Property Information

Property Type	Principal Use	Tax Exempt	Tax Notation
		Yes	

Property Flags

Current Use Land	Exempt NonProfit	Forest Land	Mobile Home	Historic Property	Penalty Waived
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tax Related Name & Address

Name	Address	City - State - Zip	Remarks
		Unknown City	

Tax Parcels

#	Parcel #	Sale Price	Municipality	Area Code	Remarks
1	0122133089	\$0.00	PIERCE COUNTY	AREA CODE 127	

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200107130607</a>	QUIT CLAIM DEED				Internal
2	<a href="#">9810120851</a>	CONTRACT				Internal

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Document Detail

Instrument Number: 9905100440  
 Sequence #: 0  
 Date Received: 05/10/1999 11:10:54 AM  
 Document Type: AMEND CONTRACT  
 Book:  
 Page:  
 Consideration:  
 Image:

Grantors

WASHINGTON STATE OF

Grantees

WALSH MERVYN G JOAN

Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9810120851</a>	CONTRACT				Internal
2	<a href="#">997106</a>	EXCISE TAX AFFIDAVIT				Internal

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### Document Detail

Instrument Number: 997106  
 Sequence #: 0  
 Date Received: 05/07/1999 8:49:24 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

NONE

### Grantees

NONE

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9905100440</a>	AMEND CONTRACT				Internal

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Document Detail

Instrument Number: 9905100440  
 Sequence #: 0  
 Date Received: 05/10/1999 11:10:54 AM  
 Document Type: AMEND CONTRACT  
 Book:  
 Page:  
 Consideration:  
 Image:

Grantors

WASHINGTON STATE OF

Grantees

WALSH MERVYN G JOAN

Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9810120851</a>	CONTRACT				Internal
2	<a href="#">997106</a>	EXCISE TAX AFFIDAVIT				Internal

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### Document Detail

Instrument Number: 9810120851  
 Sequence #: 0  
 Date Received: 10/12/1998 3:38:25 AM  
 Document Type: CONTRACT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

WASHINGTON STATE DEPT OF TRANSPORTATION

### Grantees

WALSH MERVYN G JOAN

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">979470</a>	EXCISE TAX AFFIDAVIT				Internal
2	<a href="#">9905100440</a>	AMEND CONTRACT				Internal

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### Document Detail

Instrument Number: 9905100440  
 Sequence #: 0  
 Date Received: 05/10/1999 11:10:54 AM  
 Document Type: AMEND CONTRACT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

WASHINGTON STATE OF

### Grantees

WALSH MERVYN G JOAN

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9810120851</a>	CONTRACT				Internal
2	<a href="#">997106</a>	EXCISE TAX AFFIDAVIT				Internal

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### Document Detail

Instrument Number: 9905100440  
 Sequence #: 0  
 Date Received: 05/10/1999 11:10:54 AM  
 Document Type: AMEND CONTRACT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

WASHINGTON STATE OF

### Grantees

WALSH MERVYN G JOAN

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01					

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">9810120851</a>	CONTRACT				Internal
2	<a href="#">997106</a>	EXCISE TAX AFFIDAVIT				Internal

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### Document Detail

Instrument Number: 1058925  
 Sequence #: 0  
 Date Received: 05/01/2001 10:43:51 AM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

NONE

### Grantees

NONE

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200105010169</a>	STATUTORY WARRANTY DEED				Internal

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### Document Detail

Instrument Number: 200105010169  
 Sequence #: 0  
 Date Received: 05/01/2001 10:52:53 AM  
 Document Type: STATUTORY WARRANTY DEED  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

WALSH MERVYN JOAN L

### Grantees

BATEL ROBERT E KELLY S

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01	SE				

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">1058925</a>	EXCISE TAX AFFIDAVIT				Internal

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## Official Public Records

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### Document Detail

Instrument Number: 200105010170  
 Sequence #: 0  
 Date Received: 05/01/2001 10:52:53 AM  
 Document Type: DEED OF TRUST  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

BATEL ROBERT E KELLY S

### Grantees

WELLS FARGO FINANCIAL WA 1 INC  
 PUGET SOUND TITLE CO

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01	SE				

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200105010171</a>	DEED OF TRUST				Internal

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## Official Public Records

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### Document Detail

Instrument Number: 200105010171  
 Sequence #: 0  
 Date Received: 05/01/2001 10:52:53 AM  
 Document Type: DEED OF TRUST  
 Book:  
 Page:  
 Consideration:  
 Image:

### Grantors

BATEL ROBERT E KELLY S

### Grantees

WALSH MERVYN JOAN L  
 RAINIER TITLE CO

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01	SE				

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200105010170</a>	DEED OF TRUST				Internal
2	<a href="#">200805230227</a>	FULL RECONVEYANCE	NONE	0	0	Internal

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## Official Public Records

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### Document Detail

Instrument Number: 4189079  
 Sequence #: 0  
 Date Received: 05/06/2008 2:08:47 PM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book: 0  
 Page: 0  
 Consideration:  
 Image:

### Grantors

### Grantees

### Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200805070185</a>	STATUTORY WARRANTY DEED	NONE	0	0	Internal

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Pierce County  
Washington  
Auditor



### Official Public Records

[Document Detail](#)   [Menu](#)   [New Search](#)   [Search Results](#)   [Help](#)

Document Detail

Instrument Number: 200805070185  
Sequence #: 0  
Date Received: 05/07/2008 11:00:08 AM  
Document Type: STATUTORY WARRANTY DEED  
Book: 0  
Page: 0  
Consideration: \$0.00  
Image:

Grantors

BARTEL, ROBERT  
BARTEL, KELLY

Grantees

LARSON, LEONARD  
LARSON, TRACEY

Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01	SE				

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">4189079</a>	EXCISE TAX AFFIDAVIT	NONE	0	0	Internal

For issues with this software, please check the [FAQ](#).

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**Official Public Records**

[Document Detail](#)   [Menu](#)   [New Search](#)   [Search Results](#)   [Help](#)

Document Detail

Instrument Number: 200805070185  
 Sequence #: 0  
 Date Received: 05/07/2008 11:00:08 AM  
 Document Type: STATUTORY WARRANTY DEED  
 Book: 0  
 Page: 0  
 Consideration: \$0.00  
 Image:

Grantors

BARTEL, ROBERT  
 BARTEL, KELLY

Grantees

LARSON, LEONARD  
 LARSON, TRACEY

Legal Records - Parcel

#	Parcel ID	Remarks
1	0122133089	

Legal Records - Section

#	Section	Township	Range	Q1	Q2	Q3	Q4	Remarks
1	13	22	01	SE				

Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">4189079</a>	EXCISE TAX AFFIDAVIT	NONE	0	0	Internal

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## Excise Tax

### Document Detail

[Menu](#) · [New Search](#) · [Search Results](#) · [Help](#)

#### Document Detail

Instrument Number: 4189079  
 Sequence #: 0  
 Location Filed: DEFAULT  
 Date Received: 05/06/2008 2:08:47 PM  
 Document Type: EXCISE TAX AFFIDAVIT  
 Book: 0  
 Page: 0  
 Consideration:  
 Image:

#### Grantors

#### Grantees

#### Sale Information

Sale Date	Sale Amount	Assessed	Tax Amount	Debt Amount	Deduction
05/05/2008	\$250,000.00	\$285,700.00	\$4,455.00		

#### Property Information

Property Type	Principal Use	Tax Exempt	Tax Notation
		No	

#### Property Flags

Current Use Land	Exempt NonProfit	Forest Land	Mobile Home	Historic Property	Penalty Waived
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Tax Related Name & Address

Name	Address	City - State - Zip	Remarks
		Unknown City	

#### Tax Parcels

#	Parcel #	Sale Price	Municipality	Area Code	Remarks
1	0122133089	\$250,000.00	PIERCE COUNTY	AREA CODE 472	

#### Related Documents

#	Referenced Instrument	Document Type	Book Type	Book	Page	Ref Type
1	<a href="#">200805070185</a>	STATUTORY WARRANTY DEED	NONE	0	0	Internal

For issues with this software, please check the [FAQ](#).

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# Appendix D

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

COUNTY - PIERCE (1 sites)

**Site Name: GIG HARBOR TRANSMISSION**

FS ID: 11876

**Address** 14610 PURDY DR NW  
GIG HARBOR, WA 98332  
[\(View Map\)](#) Lat: 47.39093 / Long: -122.62652

**Rank** ---  
**PSI**   
**VCP**   
**Brownfield**

**Entered Date** December 9, 2009  
**Last Update** December 9, 2009  
**Resp. Unit** Southwest  
**Ecology Status** Awaiting SHA

<u>ACTIVITY</u>	<u>STATUS</u>	<u>START</u>	<u>END</u>	<u>LEGAL</u>	<u>Media</u>	<u>Contaminant</u>			
Initial Investigation	C	12/9/2008	12/9/2009			<table border="1"><tr><td>3</td><td>7</td><td>11</td></tr></table>	3	7	11
3	7	11							
Early Notice Letter(s)	C	12/9/2009	12/9/2009		Groundwater- S	<table border="1"><tr><td>S</td><td>S</td><td>S</td></tr></table>	S	S	S
S	S	S							
					Soil- C	<table border="1"><tr><td>C</td><td>C</td><td>C</td></tr></table>	C	C	C
C	C	C							

\*hover over boxes above for details

**Report Statistics**

Number of Counties	1	Number of Brownfield Sites	0
Total Number of Resp. Units	1	Number of VCP Sites	0
Number of Regions	1	Number of Puget Sound Initiative Sites	1
Total Number of Sites	1	Number of Ranked Sites	0

**Southwest Region**

Pierce County, City of Gig Harbor

ACTIVE CONSTRUCTION INC 11302 BURNHAM DR NW GIG HARBOR, 98332	Facility Site ID: 57354537	UST ID: 2083	Lat/Long: 47.3612 -122.61696
---	-------------------------------	-----------------	------------------------------------

Release ID: 312952	ACTIVE CONSTRUCTION	Status:	Status Date:
Media Affected: Soil		Reported Cleaned Up	9/16/1997
		Cleanup Started	10/3/1995

ARLETTA FOODS 3520 RAY NASH DR NW GIG HARBOR, 98335	Facility Site ID: 14374627	UST ID: 5269	Lat/Long: 47.28984 -122.6682
---	-------------------------------	-----------------	------------------------------------

Release ID: 591803	Arletta Foods	Status:	Status Date:
Media Affected: Soil		Awaiting Cleanup	3/23/2004

BOAT BARN 2907 HARBORVIEW DR GIG HARBOR, 983351910	Facility Site ID: 2474436	UST ID: 12655	Lat/Long: 47.32858 -122.5781
--	------------------------------	------------------	------------------------------------

Release ID: 3065	BOAT BARN	Status:	Status Date:
Media Affected: Soil		Reported Cleaned Up	8/25/1992
		Cleanup Started	8/20/1991

CONAN FUEL DANIEL H ROOT LTD 10320 BURNHAM DR NW GIG HARBOR, 98335	Facility Site ID: 98998391	UST ID: 192	Lat/Long: 47.35236 -122.60889
--	-------------------------------	----------------	-------------------------------------

Release ID: 484342	UNOCAL (CONAN FUEL)	Status:	Status Date:
Media Affected: Ground Water, Soil		Monitoring	8/15/2001
		Cleanup Started	2/3/1999

CONAN'S FUEL SERVICE 3315 HARBORVIEW DR GIG HARBOR, 983322126	Facility Site ID: 1308	UST ID: 200531	Lat/Long: 47.33055 -122.58184
---	---------------------------	-------------------	-------------------------------------

Release ID: 1388	CONAN'S FUEL SERVICE	Status:	Status Date:
Media Affected: Soil		Reported Cleaned Up	10/8/1997
		Monitoring	8/13/1990
		Cleanup Started	2/13/1989

CONANS SERVICE STATION LLC 4101 HARBORVIEW DR GIG HARBOR, 98332	Facility Site ID: 1342	UST ID: 101275	Lat/Long: 47.3368 -122.59328
---	---------------------------	-------------------	------------------------------------

Release ID: 3149	UNOCAL SERVICE STATION (CONAN 4101 HARBORVIEW)	Status:	Status Date:
Media Affected: Ground Water, Soil		Awaiting Cleanup	1/24/1991

GIG HARBOR COMPUTER CENTER 12904 PURDY DR NW GIG HARBOR, 98335	Facility Site ID: 68179491	UST ID: 427354	Lat/Long: 47.37463 -122.62209
--	-------------------------------	-------------------	-------------------------------------

**Southwest Region**

Pierce County, City of Gig Harbor

Release ID: 427373	SERVICE STATION	Facility Site ID:	UST ID:	Lat/Long:	
Media Affected: Soil	Status: Reported Cleaned Up Cleanup Started	Status Date: 4/1/1997 10/30/1996			
GIG HARBOR SHELL 7101 PIONEER WAY GIG HARBOR, 983351126	Release ID: 3960	TEXACO 63-232-0185	Facility Site ID: 92722628	UST ID: 4472	Lat/Long: 47.32266 -122.58823
Media Affected: Soil	Status: Reported Cleaned Up Cleanup Started	Status Date: 1/8/1993 8/10/1992			
GIG HARBOR VETERINARY HOSPITAL INC 5606 SOUNDVIEW DR NW GIG HARBOR, 983352040	Release ID: 3612	PUGET SOUND VETERINARY HOSPITAL	Facility Site ID: 69461234	UST ID: 10910	Lat/Long: 47.30907 -122.57715
Media Affected: Soil	Status: Reported Cleaned Up Cleanup Started	Status Date: 8/31/1992 3/18/1992			
GIG HARBOR YACHT CLUB 8209 STINSON AVE GIG HARBOR, 98335	Release ID: 591562		Facility Site ID: 9498692	UST ID: 594257	Lat/Long: 47.31932 -122.58436
Media Affected: Ground Water	Status: Reported Cleaned Up Cleanup Started	Status Date: 1/14/2003 6/7/1991			
KEY CENTER SHELL 9121 KPN GIG HARBOR, 98339	Release ID: 5180	KEY CENTER SHELL	Facility Site ID: 33112581	UST ID: 101593	Lat/Long: 47.34064 -122.74481
Media Affected: Soil	Status: Awaiting Cleanup Reported Cleaned Up Cleanup Started	Status Date: 7/6/1994 7/6/1994 4/26/1994			
OLSON BROTHERS CHEVROLET 5502 POINT FOSDICK DR NW GIG HARBOR, 98335			Facility Site ID: 68877356	UST ID: 619555	Lat/Long: 47.30826 -122.57936
PAPE & SONS CONSTRUCTION INC 9512 STATE HWY 16 NW GIG HARBOR, 983325701	Release ID: 528477	PAPE & SONS CONSTRUCTION	Facility Site ID: 9566131	UST ID: 2583	Lat/Long: 47.33926 -122.60541
Media Affected: Ground Water, Soil	Status: Awaiting Cleanup Cleanup Started	Status Date: 12/13/2007 3/12/1998			

Legend on last page.

## Southwest Region

Pierce County, City of Gig Harbor

PLEASURECRAFT MARINA 3215 HARBORVIEW DR GIG HARBOR, 98335	Facility Site ID: 32966164	UST ID: 1979	Lat/Long: 47.33055 -122.58184
---	-------------------------------	-----------------	-------------------------------------

Release ID: 381713	PLEASURECRAFT MARINA	Status:	Status Date:
Media Affected: Soil		Reported Cleaned Up	9/12/1996
		Cleanup Started	11/8/1995

PURDY 76 13818 PURDY DR GIG HARBOR, 98335	Facility Site ID: 49933911	UST ID: 97300	Lat/Long: 47.38416 -122.62659
---	-------------------------------	------------------	-------------------------------------

Release ID: 5124	PURDY TEXACO AND GAS	Status:	Status Date:
Media Affected: Ground Water, Soil		Awaiting Cleanup	12/13/2007
		Cleanup Started	3/22/1994

PURDY GROCERY 14317 PURDY DR NW GIG HARBOR, 98332	Facility Site ID: 51231274	UST ID: 101056	Lat/Long: 47.38852 -122.62556
---	-------------------------------	-------------------	-------------------------------------

Release ID: 391388	PURDY GROCERY	Status:	Status Date:
Media Affected: Soil		Reported Cleaned Up	10/8/1996
		Cleanup Started	10/4/1995

SUN MART 33 115 OLYMPIC DR NW GIG HARBOR, 983351704	Facility Site ID: 29585983	UST ID: 8954	Lat/Long: 47.30453 -122.58168
---	-------------------------------	-----------------	-------------------------------------

Release ID: 4667	TEXACO 63-232-1435	Status:	Status Date:
Media Affected: Ground Water, Soil		Monitoring	7/19/1995
		Cleanup Started	9/22/1993

THE ROSEDALE MARKET 3111 86TH AVE NW GIG HARBOR, 98335	Facility Site ID: 54538987	UST ID: 1809	Lat/Long: 47.33122 -122.653
--	-------------------------------	-----------------	-----------------------------------

Release ID: 355282	TEMPLETON'S	Status:	Status Date:
Media Affected: Soil		Reported Cleaned Up	5/3/1995
		Cleanup Started	3/5/1995

U-HAUL 318 GRANDVIEW AVE GIG HARBOR, 983351152	Facility Site ID: 84651569	UST ID: 1096	Lat/Long: 47.32354 -122.59071
--	-------------------------------	-----------------	-------------------------------------

Release ID: 5502	U-HAUL	Status:	Status Date:
Media Affected: Soil		Reported Cleaned Up	5/15/2006
		Cleanup Started	11/16/1994

**Southwest Region**

Pierce County, City of Gig Harbor

WA DFW MINTER CREEK STATE SALMON HA  
12710 124TH AVE CT  
GIG HARBOR, 98335

Facility Site ID:  
27715997

UST ID:  
100925

Lat/Long:  
47.37315  
-122.70236

Release ID: 360608

WDF MINTER CREEK STATE SALMON HA

Media Affected:  
Ground Water, Soil, Surface Water

Status:  
Reported Cleaned Up  
Cleanup Started

Status Date:  
10/2/1996  
2/29/1996

**About the Leaking Underground Storage Tanks Site List:**

The Cleanup Status assigned by the Department of Ecology to a Leaking Underground Tank Site is based on an informal review of the information we have received regarding the cleanup. A formal review could determine that the site has not been cleaned up to Model Toxics Control Act standards. Formal reviews including potential No Further Action determinations are available under the fee-based Voluntary Cleanup Program.

**Cleanup Status Definitions:**

Awaiting Cleanup -- Discovered or reported release, yet no active cleanup measures taken; or, Site check (identified the source) begun or completed, yet no active cleanup measures taken; or, Site characterization begun or completed, yet no active cleanup measures taken.

Cleanup Started -- Responsible party has initiated physical, biological, or chemical management of release (e.g. soil excavated, groundwater pumped, vapors extracted, free product removed, oxygen added, etc.). Site investigations and emergency responses (e.g. venting explosive vapors, providing bottled water) do not qualify as activities under Cleanup Started.

Monitoring -- Groundwater monitoring is the only activity occurring at the site; or, Site has been characterized, only low levels of soil and/or groundwater contamination remain, and natural attenuation is the chosen cleanup method; or, Confirmational monitoring following active cleanup measures.

Reported Cleaned Up -- Owner or consultant reports that contamination has been cleaned up; and/or. Some soil contamination may remain under existing structures or in otherwise inaccessible areas if groundwater is not threatened and there has been no migration of contamination into the structure; and, Cleanup report has not been formally reviewed by Ecology. A formal review could determine that the site has not been cleaned up to MTCA standards.

No Further Action -- Cleanup report has been formally reviewed by Ecology under the fee-based Voluntary Cleanup Program and resulted in a No Further Action status; and, Institutional controls may have been required due to soil contamination that may remain under existing structures or in otherwise inaccessible areas.

TCP/TCP\_web\_reporting/LUSTList.rdl





# Appendix E





STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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

December 9, 2009

Mr. Leonard & Mrs. Tracy Larson  
Gig Harbor Transmission  
14610 Purdy Dr NW  
Gig Harbor WA 98332-8708

Dear Mr. & Mrs. Larson:

RE: Early Notice Letter Regarding the Release of Hazardous Substances at Gig Harbor Transmission (site name), located at 14610 Purdy Drive NW, Gig Harbor, Washington 98332. Facility Site Identification Number: 11876

Under Chapter 70.105 Revised Code of Washington (RCW) the Department of Ecology (Ecology) is required to conduct an Initial Investigation, of properties where we have received a report that there has been a release or threatened release of hazardous substance that could pose a threat to human health or the environment.

Ecology maintains a list of sites where an initial investigation has found that further testing and possible cleanup is needed. We call this our "database of Confirmed or Suspected Contaminated Sites". As a result of the initial investigation conducted by the Tacoma Pierce County Health Department, this property has been added to the database as a State Cleanup Site. The Facility Site Identification number assigned to this site is 11876. Please note that inclusion in this database does not mean Ecology has determined you liable for cleanup of the site, as that is a separate determination under the law.

This site has been added to our database because soil contaminated with cPAHs and heavy metals has been confirmed on this property. Groundwater contamination is suspected. Our report indicates that and evidence of oil and grease contamination to unpaved surfaces was confirmed on site. Dark staining and odors were noted along the edges of the hydraulic lift, along the trench between the buildings, and in a section of impacted soil west of the main office. Also noted, a drain located on the northwest corner of the cement pad housing the hydraulic lift was filled with heavily impacted silts and soils. A number of phone calls were made attempting to get information regarding cleanup activities to no avail. The purpose of the initial investigation is to confirm or deny the possibility of contamination on site.

In the future, Ecology may conduct a more detailed inspection of this property including testing for possible contamination. This inspection is called a "Site Hazard Assessment". At that time, Ecology will assess whether action will be needed and if necessary establish a priority for the work.



Gig Harbor Transmission  
December 9, 2009  
Page 2 of 2

Ecology's policy is to work cooperatively with individuals to accomplish prompt and effective cleanups. Your cooperation with Ecology in planning or conducting a remedial action is not an admission of guilt or liability. Please be aware of state laws that must be adhered to if you decide to proceed with cleanup work on your own. The primary law is Chapter 70.105D RCW and the implementing regulations, the Model Toxics Control Act Cleanup Regulation (MTCA or Chapter 173-340 WAC). These laws can be found at Ecology's Toxics Cleanup Program website, <http://www.ecy.wa.gov/toxicscleanup/policy>.

If you would like a printed copy of the MTCA regulations or if you have questions call me at (360) 407-6240. These rules and how they impact each site can be confusing and complicated. There are Environmental Consultants that can be employed to assist property owners with the cleanup and site assessment process.

Ecology's Voluntary Cleanup Program is designed to provide technical assistance, for a fee, to cleanup sites that qualify. If you would like additional information regarding this program you can find information on our website at <http://www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm> or you can contact Scott Rose at 360-407-6347.

Sincerely,



Kim Cross  
Toxics Cleanup Program  
Southwest Regional Office

ksc:ENL 120909 Gig Harbor Transmission

by certified mail: (7009 1410 0002 4420 0419)

cc: K. Wecker, Tacoma Pierce County Health Department  
Cris Matthews, Department of Ecology



Tacoma | Pierce County

# Health Department

Healthier. Safer. Smarter.

www.tpchd.org

Governed by a local Board of Health

April 7, 2009

Leonard and Tracy Larson  
14610 Purdy Dr NW  
Gig Harbor, WA 98332-8708

Re: **Gig Harbor Transmission, 14610 Purdy Dr NW, APN 0122133089**

Dear Mr. and Mrs. Larson:

The Tacoma-Pierce County Health Department (TPCHD) received a request from the Washington State Department of Ecology Toxics Cleanup Program (Ecology) to investigate a complaint about contamination at the above referenced site.

The TPCHD conducted an inspection of the subject property on January 14, 2009, which included an interview with Jeremy. At that time, the TPCHD verified the following issues at the subject property:

- Dark staining on the north side of the hydraulic lift consistent with petroleum hydrocarbons,
- A trench filled with dark stained material running between the buildings and along the west side of the office. The staining was consistent with petroleum hydrocarbons.

The TPCHD conducted a second site visit on March 12, 2009, which included an interview with yourself and sampling of the soil north of the hydraulic life and west of the office. The TPCHD has received the laboratory report for these samples, a copy of which is attached to this letter.

The report documents soil contamination with the following:

- Lube Oil Range Organics at concentrations as high as 29,000 mg/kg (cleanup level is 2,000 mg/kg);
- Carcinogenic PAHs at concentrations as high as 0.1855 mg/kg (cleanup level is 0.1 mg/kg);
- Cadmium at concentrations as high as 8.8 mg/kg (cleanup level is 2 mg/kg);
- Lead at concentrations as high as 400 mg/kg (cleanup level is 250 mg/kg).

2.9%

Batteries industrial stuff solder radia.

It is Ecology's and the TPCHD's policy to work cooperatively with owners of contaminated sites by giving them the opportunity to achieve effective and prompt cleanups. The TPCHD recommends you engage the services of an environmental professional to assist you in determining the full extent and nature of contamination present on your property. After characterization has been achieved, the site must be remediated to within the MTCA Method A



Tacoma | Pierce County

# Health Department

*Healthier. Safer. Smarter.*

www.tpchd.org

*Governed by a local Board of Health*

Unrestricted Land Use Cleanup Levels (Chapter 173-340 of the Washington Administrative Code).

Site remediation must be completed to the satisfaction of the TPCHD prior to a recommendation submitted to Ecology for no further action (NFA). In addition, any contaminated soil removed for disposal must be taken to a properly permitted facility with soil disposal receipts submitted to TPCHD as proof of proper disposal.

Please contact me with information regarding your plans to address and further characterize site contamination. If no response is received by this office within 30 days, a report will be forwarded to Ecology with a recommendation for the property to be listed on the Confirmed and Suspected Contaminated Sites Report database. This database is used for tracking purposes, and subsequent listing on the State's Hazardous Sites List, which could adversely affect your property value or ability to redevelop the property.

Also, you may wish to contact Ecology about entering the Voluntary Cleanup Program (VCP). The contact at Ecology is Scott Rose and he can be reached at 360/407-6347 for more information on the VCP.

If you have questions or comments, please call me at 253 798-4782.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kirsten Wecker'.

Kirsten Wecker  
Environmental Health Program/SHA

Attachment (1)

cc: Cris Matthews, Ecology



Tacoma | Pierce County  
**Health Department**  
*Healthier. Safer. Smarter.*

**Tacoma-Pierce County Health Department**  
 3629 South D St., 304, Tacoma WA 98418-6813  
 253 798-6047

**WASTE DISPOSAL AUTHORIZATION PROCESS**  
Required Analysis/Analysis Conducted

The parameter(s) and analytical method(s) indicated below must be performed in order to characterize a waste stream. The Tacoma-Pierce County Health Department (Health Department) recommends the generator of the waste submit for analysis the number of samples per volume of waste provided in the table below. Analytical results must be submitted to the Health Department's Waste Management Program prior to disposal of waste at a permitted solid waste facility located in Pierce County. Analytical results may be forwarded to the address below.

Tacoma-Pierce County Health Department  
 Waste Management Program  
 3629 South D Street, MS-304  
 Tacoma, WA 98418-6813

Date: \_\_\_\_\_ Facility Name: \_\_\_\_\_

Description of Waste: \_\_\_\_\_

PARAMETER	ANALYTICAL METHOD	YES/NO	SAMPLE TYPE
Total Metals (RCRA 8)	EPA #6010		
TCLP Metals (RCRA 8)	EPA #1311/6010		
Total Petroleum Hydrocarbons	WTPH-HCID, WTPH-G, WTPH-D, WTPH-418.1 Modified, WTPH-G or WTPH-D Extended		
Volatile Organics	EPA #8010 (Halogenated), 8020 (BTEX), 8240		
Semi-volatile Organics	EPA #8270, 8310 (PAH's)		
PCB's	EPA #8080, 8140		
TCLP Volatiles & Semi			
Paint Filter Test	EPA #9095		
pH	EPA #9040, 9045 (soil)		

**RECOMMENDED SAMPLING FREQUENCY**

VOLUME (cubic yards)	NUMBER OF SAMPLES
0 - 25	2
26 - 100	3
101 - 500	5
501 - 1000	7
1001 - 2000	10
One (1) additional sample for every 500 cubic yards of material over 2000 cubic yards.	



**RECEIVED**  
APR 01 2009  
Tacoma-Pierce County  
Health Dept.

March 27, 2009

Kirsten Wecker  
Tacoma-Pierce County Health Department  
3629 South "D" Street  
Tacoma, WA 98418-6813

Re: Analytical Data for Project 609920  
Laboratory Reference No. 0903-065

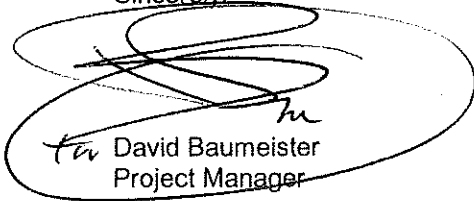
Dear Kirsten:

Enclosed are the analytical results and associated quality control data for samples submitted on March 13, 2009.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



David Baumeister  
Project Manager

Enclosures

Date of Report: March 27, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065  
Project: 609920

### Case Narrative

Samples were collected on March 12, 2009, and received by the laboratory on March 13, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in Encore sampler devices within 48 hours of sample collection. They were transferred into the proper analytical vials and then either stored in a freezer at between -7°C and -20°C or preserved with sodium bisulfate and/or methanol until extraction or analysis.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria and Surrogate Standard 4-Bromofluorobenzene is outside control limits for sample S2-surface-031209 due to sample matrix effects. The sample was re-analyzed with similar results. All results, including Practical Quantitation Limits, from Bromobenzene onward should be considered estimates.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.



Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**NWTPH-HCID**

Date Extracted: 3-16-09  
 Date Analyzed: 3-18-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>S1-surface-031209</b>	<b>S2-surface-031209</b>
Lab ID:	03-065-01	03-065-02

Gasoline:	<b>ND</b>	<b>ND</b>
PQL:	25	270

Diesel Fuel:	<b>ND</b>	<b>ND</b>
PQL:	63	680

Lube Oil:	<b>Lube Oil</b>	<b>Lube Oil</b>
PQL:	130	1400

Surrogate Recovery:		
o-Terphenyl	114%	---

Flags:	Y	Y,S
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Date of Report: March 27, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065  
Project: 609920

**NWTPH-HCID  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 3-16-09  
Date Analyzed: 3-17-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: MB0316S1

Gasoline: ND  
PQL: 20

Diesel Fuel: ND  
PQL: 50

Lube Oil: ND  
PQL: 100

Surrogate Recovery:  
o-Terphenyl 113%

Flags

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**TCLP Metals**  
**EPA 1311/6010B/7470A**

Date Prepared: 3-17-09  
 Date Extracted: 3-18-09  
 Date Analyzed: 3-18-09

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Matrix: TCLP Extract  
 Units: mg/L (ppm)

Lab ID: 03-065-01  
 Client ID: **S1-Surface-031209**

Analyte	Method	Result	PQL
Arsenic	6010B	ND	0.40
Barium	6010B	0.60	0.20
Cadmium	6010B	ND	0.020
Chromium	6010B	ND	0.020
Lead	6010B	0.25	0.20
Mercury	7470A	ND	0.0050
Selenium	6010B	ND	0.40
Silver	6010B	ND	0.020

Date of Report: March 27, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065  
Project: 609920

**TCLP Metals**  
**EPA 1311/6010B/7470A**

Date Prepared: 3-17-09  
Date Extracted: 3-18-09  
Date Analyzed: 3-18-09

Matrix: TCLP Extract  
Units: mg/L (ppm)

Lab ID: 03-065-02  
Client ID: **S2-Surface-031209**

Analyte	Method	Result	PQL
Arsenic	6010B	ND	0.40
Barium	6010B	0.54	0.20
Cadmium	6010B	0.047	0.020
Chromium	6010B	ND	0.020
Lead	6010B	0.23	0.20
Mercury	7470A	ND	0.0050
Selenium	6010B	ND	0.40
Silver	6010B	ND	0.020

Date of Report: March 27, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065  
Project: 609920

**TCLP Metals  
EPA 1311/6010B/7470A  
METHOD BLANK QUALITY CONTROL**

Date Prepared: 3-17-09  
Date Extracted: 3-18-09  
Date Analyzed: 3-18-09  
  
Matrix: TCLP Extract  
Units: mg/L (ppm)  
  
Lab ID: MB0318T1&MB0318T2

Analyte	Method	Result	PQL
Arsenic	6010B	ND	0.40
Barium	6010B	ND	0.20
Cadmium	6010B	ND	0.020
Chromium	6010B	ND	0.020
Lead	6010B	ND	0.20
Mercury	7470A	ND	0.0050
Selenium	6010B	ND	0.40
Silver	6010B	ND	0.020

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**TCLP Metals  
 EPA 1311/6010B/7470A  
 DUPLICATE QUALITY CONTROL**

Date Prepared: 3-17-09  
 Date Extracted: 3-18-09  
 Date Analyzed: 3-18-09

Matrix: TCLP Extract  
 Units: mg/L (ppm)

Lab ID: 03-065-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	0.40	
Barium	0.596	0.591	1	0.20	
Cadmium	ND	ND	NA	0.020	
Chromium	ND	ND	NA	0.020	
Lead	0.247	ND	NA	0.20	
Mercury	ND	ND	NA	0.0050	
Selenium	ND	ND	NA	0.40	
Silver	ND	ND	NA	0.020	

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**TCLP Metals  
 EPA 1311/6010B/7470A  
 MS/MSD QUALITY CONTROL**

Date Prepared: 3-17-09

Date Extracted: 3-18-09

Date Analyzed: 3-18-09

Matrix: TCLP Extract

Units: mg/L (ppm)

Lab ID: 03-065-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	4.0	<b>3.95</b>	99	<b>3.99</b>	100	1	
Barium	4.0	<b>4.18</b>	90	<b>4.29</b>	92	3	
Cadmium	2.0	<b>2.02</b>	101	<b>2.06</b>	103	2	
Chromium	4.0	<b>3.90</b>	97	<b>3.96</b>	99	2	
Lead	10	<b>9.91</b>	97	<b>10.0</b>	98	1	
Mercury	0.050	<b>0.0498</b>	100	<b>0.0494</b>	99	1	
Selenium	4.0	<b>3.88</b>	97	<b>4.00</b>	100	3	
Silver	1.0	<b>0.957</b>	96	<b>0.986</b>	99	3	

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**NWTPH-Dx**

Date Extracted: 3-23-09  
 Date Analyzed: 3-23&24-09

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Client ID:</b>	<b>S1-surface-031209</b>	<b>S2-surface-031209</b>
<b>Lab ID:</b>	<b>03-065-01</b>	<b>03-065-02</b>

Diesel Range:	<b>ND</b>	<b>ND</b>
PQL:	31	4200
Identification:	---	---

Lube Oil Range:	<b>180</b>	<b>29000</b>
PQL:	63	1400
Identification:	Lube Oil	Lube Oil

Surrogate Recovery o-Terphenyl:	72%	---
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Flags:	Y	Y,U1,S
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Date of Report: March 27, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065  
Project: 609920

**NWTPH-Dx  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 3-23-09  
Date Analyzed: 3-23-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: MB0323S1

Diesel Range: ND

PQL: 25

Identification: ---

Lube Oil Range: ND

PQL: 50

Identification: ---

Surrogate Recovery

o-Terphenyl: 96%

Flags: Y

Date of Report: March 27, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065  
Project: 609920

NWTPH-Dx  
DUPLICATE QUALITY CONTROL

Date Extracted: 3-23-09  
Date Analyzed: 3-23-09

Matrix: Soil  
Units: mg/kg (ppm)

Lab ID: 03-113-01 03-113-01 DUP

Diesel Range: ND ND

PQL: 25 25

RPD: N/A

Surrogate Recovery  
o-Terphenyl: 82% 90%

Flags: Y Y

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**VOLATILES by EPA 8260B**  
 Page 1 of 2

Date Extracted: 3-23-09  
 Date Analyzed: 3-23-09

Matrix: Soil  
 Units: mg/kg (ppm)

Lab ID: 03-065-01  
 Client ID: S1-surface-031209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0062
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0062
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	ND		0.0062
Iodomethane	ND		0.0062
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0062
(trans) 1,2-dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0062
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0062
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0062
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0062
Toluene	ND		0.0062
(trans) 1,3-Dichloropropene	ND		0.0012

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**VOLATILES by EPA 8260B**  
 Page 2 of 2

Lab ID: 03-065-01  
 Client ID: S1-surface-031209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0062
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0062
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0062
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012
	<b>Percent Recovery</b>		<b>Control Limits</b>
<b>Surrogate</b>			
Dibromofluoromethane	90		70-118
Toluene-d8	97		70-121
4-Bromofluorobenzene	92		70-130

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**VOLATILES by EPA 8260B**  
 Page 1 of 2

Date Extracted: 3-23-09  
 Date Analyzed: 3-23-09

Matrix: Soil  
 Units: mg/kg (ppm)

Lab ID: 03-065-02  
 Client ID: S2-surface-031209

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0065
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0065
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	0.13		0.0065
Iodomethane	ND		0.0065
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0065
(trans) 1,2-dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0065
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0065
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0065
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0065
Toluene	ND		0.0065
(trans) 1,3-Dichloropropene	ND		0.0013

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**VOLATILES by EPA 8260B**  
 Page 2 of 2

Lab ID: 03-065-02  
 Client ID: S2-surface-031209

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	0.013		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0065
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0026
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0065
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0065
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	70-118
Toluene-d8	73	70-121
4-Bromofluorobenzene	70	70-130

OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**VOLATILES by EPA 8260B  
 METHOD BLANK QUALITY CONTROL**

Page 1 of 2

Date Extracted: 3-23-09  
 Date Analyzed: 3-23-09  
 Matrix: Soil  
 Units: mg/kg (ppm)  
 Lab ID: MB0323S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**VOLATILES by EPA 8260B  
 METHOD BLANK QUALITY CONTROL**

Page 2 of 2

Lab ID: MB0323S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010
	<b>Percent</b>		<b>Control</b>
<b>Surrogate</b>	<b>Recovery</b>		<b>Limits</b>
Dibromofluoromethane	85		70-118
Toluene-d8	93		70-121
4-Bromofluorobenzene	103		70-130



Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Date Extracted: 3-23-09

Date Analyzed: 3-23-09

Matrix: Soil  
 Units: mg/kg (ppm)

Lab ID: SB0323S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0367	73	0.0356	71	70-130	
Benzene	0.0500	0.0409	82	0.0428	86	70-128	
Trichloroethene	0.0500	0.0499	100	0.0466	93	73-121	
Toluene	0.0500	0.0456	91	0.0463	93	74-122	
Chlorobenzene	0.0500	0.0510	102	0.0519	104	76-115	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	15	
Benzene	4	12	
Trichloroethene	7	17	
Toluene	2	14	
Chlorobenzene	2	13	

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

### PAHs by EPA 8270D/SIM

Matrix: Soil  
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>S1-Surface-031209</b>					
<b>Laboratory ID:</b>	<b>03-065-01</b>					
Naphthalene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
2-Methylnaphthalene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
1-Methylnaphthalene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Acenaphthylene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Acenaphthene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Fluorene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Phenanthrene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Anthracene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Fluoranthene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Pyrene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[a]anthracene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Chrysene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[b]fluoranthene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[k]fluoranthene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[a]pyrene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Indeno(1,2,3-c,d)pyrene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Dibenz[a,h]anthracene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[g,h,i]perylene	ND	0.0083	EPA 8270/SIM	3-26-09	3-26-09	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Nitrobenzene-d5</i>	95	39 - 110				
<i>2-Fluorobiphenyl</i>	71	41 - 107				
<i>Terphenyl-d14</i>	81	54 - 126				

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

### PAHs by EPA 8270D/SIM

Matrix: Soil  
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>S2-Surface-031209</b>					
<b>Laboratory ID:</b>	<b>03-065-02</b>					
Naphthalene	ND	0.090	EPA 8270/SIM	3-26-09	3-26-09	
2-Methylnaphthalene	0.19	0.090	EPA 8270/SIM	3-26-09	3-26-09	
1-Methylnaphthalene	0.11	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Acenaphthylene	ND	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Acenaphthene	ND	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Fluorene	ND	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Phenanthrene	0.099	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Anthracene	ND	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Fluoranthene	0.17	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Pyrene	0.39	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[a]anthracene	0.094	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Chrysene	0.21	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[b]fluoranthene	0.33	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[k]fluoranthene	ND	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[a]pyrene	0.13	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Indeno(1,2,3-c,d)pyrene	0.11	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Dibenz[a,h]anthracene	ND	0.090	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[g,h,i]perylene	0.31	0.090	EPA 8270/SIM	3-26-09	3-26-09	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Nitrobenzene-d5</i>	98	39 - 110				
<i>2-Fluorobiphenyl</i>	67	41 - 107				
<i>Terphenyl-d14</i>	88	54 - 126				

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

PAHs by EPA 8270D/SIM  
 METHOD BLANK QUALITY CONTROL

Matrix: Soil  
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0326S1					
Naphthalene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Acenaphthene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Fluorene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Phenanthrene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Anthracene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Fluoranthene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Pyrene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Chrysene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	3-26-09	3-26-09	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Nitrobenzene-d5</i>	94	39 - 110				
<i>2-Fluorobiphenyl</i>	68	41 - 107				
<i>Terphenyl-d14</i>	93	54 - 126				

Date of Report: March 27, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065  
 Project: 609920

PAHs by EPA 8270D/SIM  
 MS/MSD QUALITY CONTROL

Matrix: Soil  
 Units: mg/Kg

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>MATRIX SPIKES</b>								
Laboratory ID:	03-065-01 MSD							
	MS	MSD	MS	MSD	MS	MSD		
Naphthalene	0.0614	0.0564	0.0833	0.0833	ND	74 68	45 - 94	8 24
Acenaphthylene	0.0776	0.0722	0.0833	0.0833	ND	93 87	51 - 104	7 25
Acenaphthene	0.0768	0.0690	0.0833	0.0833	ND	92 83	53 - 103	11 21
Fluorene	0.0777	0.0722	0.0833	0.0833	ND	93 87	57 - 107	7 19
Phenanthrene	0.0741	0.0695	0.0833	0.0833	ND	89 83	61 - 104	6 17
Anthracene	0.0725	0.0705	0.0833	0.0833	ND	87 85	58 - 102	3 14
Fluoranthene	0.0850	0.0799	0.0833	0.0833	ND	102 96	69 - 109	6 27
Pyrene	0.0848	0.0798	0.0833	0.0833	ND	102 96	71 - 114	6 27
Benzo[a]anthracene	0.0910	0.0874	0.0833	0.0833	ND	109 105	61 - 123	4 18
Chrysene	0.0881	0.0823	0.0833	0.0833	ND	106 99	66 - 124	7 19
Benzo[b]fluoranthene	0.0839	0.0820	0.0833	0.0833	ND	101 98	72 - 114	2 26
Benzo[k]fluoranthene	0.0837	0.0756	0.0833	0.0833	ND	100 91	70 - 115	10 17
Benzo[a]pyrene	0.0830	0.0807	0.0833	0.0833	ND	100 97	57 - 104	3 18
Indeno(1,2,3-c,d)pyrene	0.0790	0.0736	0.0833	0.0833	ND	95 88	63 - 121	7 20
Dibenz[a,h]anthracene	0.0798	0.0741	0.0833	0.0833	ND	96 89	62 - 125	7 15
Benzo[g,h,i]perylene	0.0820	0.0752	0.0833	0.0833	ND	98 90	64 - 117	9 21
<i>Surrogate:</i>								
<i>Nitrobenzene-d5</i>						94 96	39 - 110	
<i>2-Fluorobiphenyl</i>						84 74	41 - 107	
<i>Terphenyl-d14</i>						103 88	54 - 126	

Date of Report: March 27, 2009  
Samples Submitted: March 13, 2009  
Lab Traveler: 0903-065  
Project: 609920

**% MOISTURE**

Date Analyzed: 3-16-09

Client ID	Lab ID	% Moisture
S1-surface-031209	03-065-01	20
S2-surface-031209	03-065-02	26



#### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - Y - Sample extract treated with an acid/silica gel cleanup procedure.
  - Z -
- ND - Not Detected at PQL  
PQL - Practical Quantitation Limit  
RPD - Relative Percent Difference



# Chain of Custody

**OnSite Environmental Inc.**

Phone: (425) 883-3881 • Fax: (425) 885-4603

**Laboratory Number:** 03-065

03-065

Turnaround Request (in working days)

(Check One)

Same Day     1 Day

2 Day         3 Day

Standard (7 working days)  
(TPH analysis 5 working days)

(other)

Company:     

Project Number:     

Project Name:     

Project Manager:     

Sampled by:     

Requested Analysis	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
Semivolatiles by 8270D	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
Halogenated Volatiles by 8260B	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
Volatiles by 8260B	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
NWTPH-DX	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
NWTPH-GX/BTEX	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
NWTPH-HCID *	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture

Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
1. Street - 10/10/03	10/10/03	1:00	soil	4
2. Street - 10/10/03	10/10/03	1:30	soil	4

Signature	Company	Date	Time	Comments/Special Instructions
<i>[Signature]</i>	TRC	3/15/04	7:40	* Depending on results
<i>[Signature]</i>	Trinity	3/13/04	7:40	ACSS, per [unclear]
<i>[Signature]</i>	Trinity	3/13/04	7:37	may need to [unclear]
<i>[Signature]</i>	TRC	3/16/04	7:50	copy [unclear]
<i>[Signature]</i>				
<i>[Signature]</i>				





April 2, 2009

Kirsten Wecker  
Tacoma-Pierce County Health Department  
3629 South "D" Street  
Tacoma, WA 98418-6813

Re: Analytical Data for Project 609920  
Laboratory Reference No. 0903-065B

Dear Kirsten:

Enclosed are the analytical results and associated quality control data for samples submitted on March 13, 2009.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



David Baumeister  
Project Manager

Enclosures

Date of Report: April 2, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065B  
Project: 609920

### Case Narrative

Samples were collected on March 12, 2009, and received by the laboratory on March 13, 2009. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: April 2, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065B  
Project: 609920

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 4-1-09

Date Analyzed: 4-1-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 03-065-01

Client ID: S1-Surface-031209

Analyte	Method	Result	PQL
Arsenic	6010B	ND	13
Barium	6010B	100	3.1
Cadmium	6010B	ND	0.63
Chromium	6010B	57	0.63
Lead	6010B	120	6.3
Mercury	7471A	ND	0.31
Selenium	6010B	ND	13
Silver	6010B	ND	0.63

Date of Report: April 2, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065B  
Project: 609920

**TOTAL METALS  
EPA 6010B/7471A**

Date Extracted: 4-1-09

Date Analyzed: 4-1-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 03-065-02

Client ID: S2-Surface-031209

Analyte	Method	Result	PQL
Arsenic	6010B	ND	14
Barium	6010B	130	3.4
Cadmium	6010B	8.8	0.68
Chromium	6010B	30	0.68
Lead	6010B	400	6.8
Mercury	7471A	0.53	0.34
Selenium	6010B	ND	14
Silver	6010B	ND	0.68

Date of Report: April 2, 2009  
Samples Submitted: March 13, 2009  
Laboratory Reference: 0903-065B  
Project: 609920

**TOTAL METALS  
EPA 6010B/7471A  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 4-1-09  
Date Analyzed: 4-1-09  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: MB0401S2&MB0401S3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Barium	6010B	ND	2.5
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Lead	6010B	ND	5.0
Mercury	7471A	ND	0.25
Selenium	6010B	ND	10
Silver	6010B	ND	0.50

Date of Report: April 2, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065B  
 Project: 609920

**TOTAL METALS  
 EPA 6010B/7471A  
 DUPLICATE QUALITY CONTROL**

Date Extracted: 4-1-09  
 Date Analyzed: 4-1-09

Matrix: Soil  
 Units: mg/kg (ppm)

Lab ID: 03-142-04

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Barium	76.4	77.8	2	2.5	
Cadmium	ND	ND	NA	0.50	
Chromium	37.2	36.4	2	0.50	
Lead	ND	ND	NA	5.0	
Mercury	ND	ND	NA	0.25	
Selenium	ND	ND	NA	10	
Silver	ND	ND	NA	0.50	

Date of Report: April 2, 2009  
 Samples Submitted: March 13, 2009  
 Laboratory Reference: 0903-065B  
 Project: 609920

**TOTAL METALS  
 EPA 6010B/7471A  
 MS/MSD QUALITY CONTROL**

Date Extracted: 4-1-09

Date Analyzed: 4-1-09

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 03-142-04

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	85.6	86	91.2	91	6	
Barium	100	171	95	178	101	4	
Cadmium	50	43.2	86	45.3	91	5	
Chromium	100	122	85	130	92	6	
Lead	250	220	88	230	92	5	
Mercury	0.50	0.488	98	0.523	105	7	
Selenium	100	84.6	85	86.5	86	2	
Silver	25	20.9	84	20.7	83	1	



#### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference





# Chain of Custody

Company: **OnSite Environmental Inc.**  
Phone: (420) 463-2991 • Fax: (420) 463-4033

Company:

Project Number:  
**TPCAD**

Project Name:  
**609920**

Project Manager:  
**Transmission Service & Engineering**

Sampled by:  
**Christen Wecker**

Sample Location:  
**Christen Wecker**

Laboratory Number: **03-065**

Requester's Details		Time		Sample		Analysis	
Requester Name	Requester Phone	Date Sampled	Time Sampled	Location	Matrix	Analysis Requested	Notes
TPCAD		03/12/09	1:10	Soil	4	<input checked="" type="checkbox"/> NMTPH-HCID * <input checked="" type="checkbox"/> NMTPH-GWBTEX <input checked="" type="checkbox"/> NMTPH-DX <input checked="" type="checkbox"/> Volatiles by 8260B <input checked="" type="checkbox"/> Halogenated Volatiles by 8260B <input checked="" type="checkbox"/> Semivolatiles by 8270D <input checked="" type="checkbox"/> PAHs by 8270D / SIM <input checked="" type="checkbox"/> PCBs by 8182 <input checked="" type="checkbox"/> Pesticides by 8081A <input checked="" type="checkbox"/> Herbicides by 8151A <input checked="" type="checkbox"/> Total RCRA Metals (8) <input checked="" type="checkbox"/> TCLF Metals <input checked="" type="checkbox"/> HEM by 1664 <input checked="" type="checkbox"/> % Moisture	
TPCAD		03/12/09	1:30	Soil	4	<input checked="" type="checkbox"/> NMTPH-HCID * <input checked="" type="checkbox"/> NMTPH-GWBTEX <input checked="" type="checkbox"/> NMTPH-DX <input checked="" type="checkbox"/> Volatiles by 8260B <input checked="" type="checkbox"/> Halogenated Volatiles by 8260B <input checked="" type="checkbox"/> Semivolatiles by 8270D <input checked="" type="checkbox"/> PAHs by 8270D / SIM <input checked="" type="checkbox"/> PCBs by 8182 <input checked="" type="checkbox"/> Pesticides by 8081A <input checked="" type="checkbox"/> Herbicides by 8151A <input checked="" type="checkbox"/> Total RCRA Metals (8) <input checked="" type="checkbox"/> TCLF Metals <input checked="" type="checkbox"/> HEM by 1664 <input checked="" type="checkbox"/> % Moisture	

(Check One)  
 Same Day  
 1 Day  
 2 Day  
 3 Day  
 Standard (7 working days)  
 (TPH analysis 5 working days)  
 (other)

Relinquished by	Received by	Relinquished by	Received by	Relinquished by	Received by	Relinquished by	Received by	Relinquished by	Received by
	Van Hockets		Speedy		Speedy		TO		
	Van Hockets								

\* Depending on results of  
HC-ID, other analytes  
may be added  
 Added 3/23/09. DB  
 Added 7/11/09. BGL Zedax TA

Reviewed by/Date

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

Chromatograms with final report



Tacoma | Pierce County

# Health Department

Healthier. Safer. Smarter.

## Tacoma-Pierce County Health Department

3629 South D Street, 304, Tacoma WA 98418-6813

253 798-6047

### WASTE DISPOSAL AUTHORIZATION APPLICATION

The information requested below is essential in determining if this waste is acceptable for disposal at the City of Tacoma Landfill, the LRI Landfill, the Hidden Valley Transfer Station, or other permitted solid waste facilities such as petroleum contaminated soils treatment facilities. It is unlikely that you will be able to respond in the space provided. Feel free to modify the format and/or address the information on additional pages, but at a minimum include all the information requested below. The information listed below may be mailed or faxed to:

Tacoma-Pierce County Health Department  
Waste Management Program  
3629 South D Street, MS-304  
Tacoma, WA 98418-6813  
Fax - (253) 798-6498

Date: \_\_\_\_\_ Site/Facility Name: \_\_\_\_\_

Consultant/Contractor/Company representative: \_\_\_\_\_

Proposed Solid Waste Disposal/Treatment Facility: \_\_\_\_\_

Describe Where Waste Originated (physical location, company name, project name, etc.): \_\_\_\_\_

Projected Quantity or Volume of Waste (generated per month, quarter, year, etc.): \_\_\_\_\_

Describe How Waste is Generated/Source of Waste: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Describe the Site History (if applicable): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Describe the Sampling Method(s) or Submit Sampling Plan: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Tacoma | Pierce County

# Health Department

*Healthier. Safer. Smarter.*

## Tacoma-Pierce County Health Department

3629 South D Street, 304, Tacoma WA 98418-6813

253 798-6047

Describe and/or Justify the Number of Samples per Volume of Waste: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Describe and/or Justify the Parameters Selected for Analysis: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

In addition to the information requested above, please enclose copies of the analytical results, chain of custody forms, a sampling plan, and any other documents relevant to the review of the site, facility, and/or waste being characterized.

By my signature below, I certify that the information presented in this application is true and complete to the best of my knowledge.

\_\_\_\_\_  
Applicant Signature

\_\_\_\_\_  
Applicant Name & Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Company Address

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Email Address

\_\_\_\_\_  
Fax Number



Tacoma | Pierce County

# Health Department

Healthier. Safer. Smarter.

## Tacoma-Pierce County Health Department

3629 South D St., 304, Tacoma WA 98418-6813

253 798-6047

### WASTE DISPOSAL AUTHORIZATION PROCESS

#### Required Analysis/Analysis Conducted

The parameter(s) and analytical method(s) indicated below must be performed in order to characterize a waste stream. The Tacoma-Pierce County Health Department (Health Department) recommends the generator of the waste submit for analysis the number of samples per volume of waste provided in the table below. Analytical results must be submitted to the Health Department's Waste Management Program prior to disposal of waste at a permitted solid waste facility located in Pierce County. Analytical results may be forwarded to the address below.

Tacoma-Pierce County Health Department  
Waste Management Program  
3629 South D Street, MS-304  
Tacoma, WA 98418-6813

Date: \_\_\_\_\_ Facility Name: \_\_\_\_\_

Description of Waste: \_\_\_\_\_

PARAMETER	ANALYTICAL METHOD	YES/NO	SAMPLE TYPE
Total Metals (RCRA 8)	EPA #6010		
TCLP Metals (RCRA 8)	EPA #1311/6010		
Total Petroleum Hydrocarbons	WTPH-HCID, WTPH-G, WTPH-D, WTPH-418.1 Modified, WTPH-G or WTPH-D Extended		
Volatile Organics	EPA #8010 (Halogenated), 8020 (BTEX), 8240		
Semi-volatile Organics	EPA #8270, 8310 (PAH's)		
PCB's	EPA #8080, 8140		
TCLP Volatiles & Semi			
Paint Filter Test	EPA #9095		
pH	EPA #9040, 9045 (soil)		

#### RECOMMENDED SAMPLING FREQUENCY

VOLUME (cubic yards)	NUMBER OF SAMPLES
0 - 25	2
26 - 100	3
101 - 500	5
501 - 1000	7
1001 - 2000	10
One (1) additional sample for every 500 cubic yards of material over 2000 cubic yards.	

5/11/09 Pd \$140<sup>00</sup>  
VISA 5442 JW

No. 1316



Tacoma | Pierce County

Health Department

Healthier. Safer. Smarter.

WASTE DISPOSAL AUTHORIZATION

(XX) Non-Asbestos (XX) New  
( ) Asbestos (PSCAA Case # \_\_\_\_\_) ( ) Renewal

- A. Generator Name: Gig Harbor Transmission
- B. Generator Address: 14610 Purdy Drive NW, Gig Harbor, WA
- C. Transporter Names: Contract Hauler
- D. Technical Contact: Tracy Larson - Vice President Phone: (253) 857-2883
- E. Waste Description: Petroleum and Lead contaminated soil  
( ) Sludge (XX) Solid (XX) Contaminated Soil ( ) Other
- F. Approved Quantity: 5 CY Authorized
- G. Actual Quantity (Filled in upon disposal): \_\_\_\_\_
- H. Multiple Loads: (XX) Yes ( ) No
- I. Dates of Disposal: May 12, 2009 through August 12, 2009
- J. Testing: NWTPH-Dx, TCLP RCRA 8 Metals, VOC's
- K. Reviewed by Department of Ecology: ( ) Yes (XX) No
- L. Disposal/Transportation Requirements: Wastes are authorized for direct disposal only. If soils are dry and a potential for windblown dust exists, loads shall be covered.
- M. Facility: (XX) Purdy Transfer Station

CERTIFICATION

I hereby certify that I have personally examined and am familiar with the information submitted in this document and any supporting material. Based on my inquiry of those individuals immediately responsible for obtaining the information, the information submitted is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. I agree that the generator and/or transporter will abide by all conditions specified in line (L) or any attachments thereto.

Date	Title	Signature
------	-------	-----------

AUTHORIZED BY:

*Dan Watts*  
 Dan Watts (253) 798-3512

**APPROVED**

**MAY 11 2009**

Cc: Rusty Cole (253) 847-7713(fax)

TACOMA-PIERCE COUNTY HEALTH DEPT.  
ENVIRONMENTAL HEALTH DIV



Tacoma | Pierce County  
**Health Department**  
*Healthier. Safer. Smarter.*

Tacoma-Pierce County Health Department  
 3629 South D Street, 304, Tacoma WA 98418-6813  
 253 798-6047

**WASTE DISPOSAL AUTHORIZATION APPLICATION**

The information requested below is essential in determining if this waste is acceptable for disposal at the City of Tacoma Landfill, the LRI Landfill, the Hidden Valley Transfer Station, or other permitted solid waste facilities such as petroleum contaminated soils treatment facilities. It is unlikely that you will be able to respond in the space provided. Feel free to modify the format and/or address the information on additional pages, but at a minimum include all the information requested below. The information listed below may be mailed or faxed to:

Tacoma-Pierce County Health Department  
 Waste Management Program  
 3629 South D Street, MS-304  
 Tacoma, WA 98418-6813  
 Fax - (253) 798-6498

Date: 5/5/9 Site/Facility Name: Gig Harbor Transmission

Consultant/Contractor/Company representative: Self - owner

Proposed Solid Waste Disposal/Treatment Facility: Purdy Transfer Station

Describe Where Waste Originated (physical location, company name, project name, etc.): Along side of the west wall (back of building)

Projected Quantity or Volume of Waste (generated per month, quarter, year, etc.): assuming 1-2 yards

Describe How Waste is Generated/Source of Waste: "over years" oil + other pollutants - drained thru area into swale between buildings

Describe the Site History (if applicable): Transmission / auto repair shop since 1962. - One to two mechanics operating most of the time.

Describe the Sampling Method(s) or Submit Sampling Plan: Soil Samples when project completed. We will remove dirt until <sup>below</sup> visual soil appears to be clean then sample.



Tacoma | Pierce County  
**Health Department**  
*Healthier. Safer. Smarter.*

**Tacoma-Pierce County Health Department**  
 3629 South D Street, 304, Tacoma WA 98418-6813  
 253 798-6047

Describe and/or Justify the Number of Samples per Volume of Waste: as required  
depending on volume - would be 2 samples

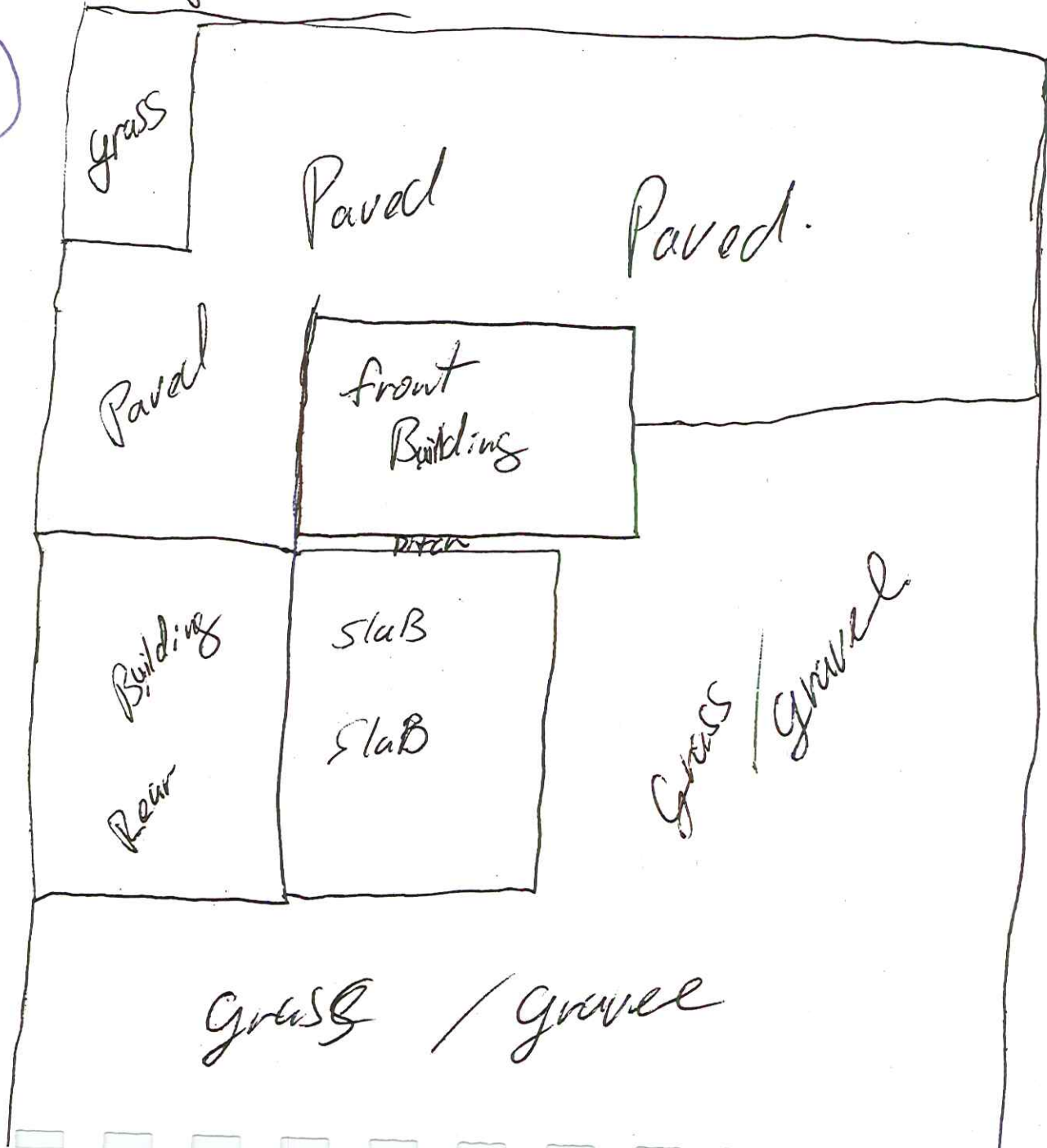
Describe and/or Justify the Parameters Selected for Analysis: as required

In addition to the information requested above, please enclose copies of the analytical results, chain of custody forms, a sampling plan, and any other documents relevant to the review of the site, facility, and/or waste being characterized.

By my signature below, I certify that the information presented in this application is true and complete to the best of my knowledge.

*Tracey Larson* Applicant Signature      Tracey Larson VPres Applicant Name & Title      5/5/9 Date  
DBA - Gig Harbor Transmission  
Household Auto Electric Company Name      PO Box 36, Wauwa 98395 Company Address  
(253) 857-2883 Phone Number      tracey98359@yahoo.com Email Address  
N/A Fax Number

Purdy Drive - Purdy



Remaining  
 Ditch from  
 Ditch in Between  
 front Building and  
 Slab.

Ditch <sup>measures</sup> ~~measures~~  
 out to be  
 30' By 8"  
 long wide



SRCD, LLC dba LRI  
 17925 Meridian St E  
 Puyallup, WA 98375

000000 CASH CUSTOMER

SITE	TICKET	GRID	WEIGHMASTER
49	166827		Lolly
DATE IN	DATE OUT	TIME IN	TIME OUT
08/25/09	08/25/09	13:35	13:57
			VEHICLE
			12
REFERENCE			
WDA 1316			
ORIGIN			
OTHER			

Scale 1 Gross Wt. 11560 LB  
 Scale 2 Tare Wt. 9880 LB  
 Net Weight 1680 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
0.84	TON	07 REGULAR DEMOLITIO	108.74	91.34	3.29	94.63

Operating hours 9AM to 4:45PM 7 days a week.  
 Purdy Transfer Station, 14515 54th Avenue NW  
 Gig Harbor, WA 98332

PO NUM: OK PER DAN WATTS  
 NOTE: GIG HARBOR TRANSMISSION

NET AMOUNT	94.63
TENDERED	94.63
CHECK NO.	0.00
	T# 1299

# Data Chart for Tank System Tightness Test

## petro title

TANK TESTER

PLEASE PRINT

1. OWNER Property  Tank(s)

Name: M. Walsh Address: D.B.A. Gig Harbor Transmission Representative: 206-257-2883 Telephone: 206-257-2883

Name: 14610 SR. 16 N.W. Gig Harbor WA. 98335 Address: Gig Harbor WA. 98335 Representative: Telephone:

2. OPERATOR

Name: SAME Address: Telephone:

3. REASON FOR TEST (Explain Fully)

TANK Integrity

4. WHO REQUESTED TEST AND WHEN

Name: M. WALSH Title: OWNER

Name: Gig Harbor Transmission Address: 14610 SR 16 N.W. Gig Harbor WA 98335 Company or Affiliation: 14610 SR 16 N.W. Gig Harbor WA 98335 Date: 9/16/85 Telephone:

5. WHO IS PAYING FOR THIS TEST?

Company, Agency or Individual: M. WALSH Person Authorizing: Title: Telephone:

Billing Address: City: State: Zip:

Attention of: Order No: Other Instructions:

6. TANK(S) INVOLVED	Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
	<u>South</u>	<u>10,000</u>	<u>EMPTY</u>	<u>EMPTY</u>	<u>UNKNOWN</u>	<u>STEEL</u>
	<u>WEST</u>	<u>2,000</u>	<u>"</u>	<u>"</u>	<u>"</u>	
	<u>MIDDLE</u>	<u>2,000</u>	<u>"</u>	<u>"</u>	<u>"</u>	
	<u>EAST</u>	<u>5,000</u>	<u>"</u>	<u>"</u>	<u>"</u>	

7. INSTALLATION DATA

Location: <u>South of Building</u>	Cover: <u>Concrete Fill Bikes Dirt COVER Concrete, Black Top, Earth, etc.</u>	Fills: <u>10,000 4" 2000 2000 1500 } 3"</u>	Vents: <u>2" 1 1/2"</u>	Siphones: <u>2000's siphoned</u>	Pumps: <u>Suction</u>
North inside driveway, Rear of station, etc.		Size, Titefull make, Drop tubes, Remote Fills	Size, Manifoldded	Which tents?	Suction, Remote, Make if known

8. UNDERGROUND WATER

Depth to the Water table: NA Is the water over the tank?  Yes  No

9. FILL-UP ARRANGEMENTS

Tanks to be filled: WATER Date: Arranged by: Name: Telephone:

Extra product to "top off" and run TSTT. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry: Company: Name: Telephone:

10. CONTRACTOR, MECHANICS, any other contractor involved

NO CONTAMINATION OBSERVED  
TANK EXCAVATION PERIMETER CLEAN  
SOIL SAMPLES FROM BOTTOM OF EXC. CLEAN SOBSERVED

11. OTHER INFORMATION OR REMARKS

TANKS TESTED WITH WATER WITH ALL PRODUCT LINES AND VENT LINES INTACT.  
SUCTION PUMPS PLUGGED AT PUMP ISLAND.

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test etc.

12. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for **petro title** as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested
<u>South 10,000</u>	<u>YES</u>	<u>NO</u>	<u>Sept 16/85</u>
<u>West 2000</u>	<u>YES</u>	<u>NO</u>	<u>" " "</u>
<u>Middle 2000</u>	<u>YES</u>	<u>NO</u>	<u>" " "</u>
<u>EAST 2000</u>	<u>YES</u>	<u>NO</u>	<u>" " "</u>

13. CERTIFICATION

Date: Sept 16/85

Serial No of Thermal Sensor: 552

This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established by the National Fire Protection Association Pamphlet 329.

Ken M'Cooni Testing Contractor or Company. Ken M'Cooni By. Signature

13405 9th Ave. Cl. A. W. Gig Harbor WA. 98335 Address

Technicians: 2/3/07/0555

**BAYSHORE SAND AND GRAVEL**  
 P. O. BOX 1880  
 SHELTON, WA 98584  
 (206) 426-1927

4157

ORDER NO. DEPT. DATE  
 FEB 9, 1989

1000 Wash  
 1610 PUDON DRIVE D.W. 98331

CASH C.O.D. CHARGE ON ACCT. MORE NED. PAID OUT

DESCRIPTION	PRICE	AMOUNT
1 EXCAVATE & REMOVE		
2 Four back fuel tanks		
3 1 ea. 10000 gal		
4 2 ea 2000 gal		
5 1 ea 5000 gal		
6		
7 EXCAVATE & DISPOSE		
8 CANOPY & FOST		
9		
10 WASH GRADES & REGRADE		
11 ROCK		
12	1000	
13	2000	
14	5000	
15		
16		
17		
18		

KEEP THIS SLIP FOR REFERENCE

1350

2001

# STATEMENT

From \_\_\_\_\_

**PETROTECH**

April 15 1989

To Big Harbor Transmission

Address 14610 State Rd 16 NW

City Big Harbor WA 98331

Terms \_\_\_\_\_

Removed 4 tanks including piping			
1	10000		
2	2000		
1	5000		
Oil Tank & piping scraped			
Total 17000			
Paid 10000			
Balance 7000			



