

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**PROPOSED FIRCREST WINCO
2119 MILDRED STREET WEST
FIRCREST, PIERCE COUNTY, WASHINGTON**

**Project Number: B2087704
Report Date: June 30, 2008**

Prepared for:

**WINCO FOODS, INC.
Boise, Idaho**

Prepared by:

Terracon
Tacoma, Washington

Terracon

2115 South 56th Street, Suite 405
Tacoma, Washington 98409
(253) 573-9939 Fax: (253) 573-9959

June 30, 2008

Mr. Ty Morrison
WinCo Foods, Inc.
650 North Armstrong Place
Boise, Idaho 83704

Re: Phase I Environmental Site Assessment
Proposed Fircrest WinCo
2119 Mildred Street West
Fircrest, Pierce County, Washington
Project No. B2087704

Dear Mr. Morrison:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with our proposal dated April 28, 2008.

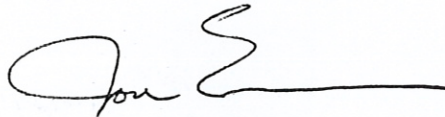
We appreciate the opportunity to perform these services for you. Please contact us if you have questions regarding this information or if we can provide any other services.

Sincerely,
Terracon Consultants, Inc.



Laura Arnesa
for

Alex J. DeOme
Staff Geologist



Jon M. Einarsen, Ph.D. P.G.
Senior Geologist

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COMMON ACRONYMS ¹

ACM	Asbestos containing material
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
AUL	Activity and use limitation
BGS	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DOT	United States Department of Transportation
EPA	United States Environmental Protection Agency
HREC	Historical recognized environmental condition
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MSDS	Material safety data sheet
NGVD	National Geodetic Vertical Datum
NOV	Notice of violation
NPL	National Priority List
NRCS	USDA Natural Resource Conservation Service
OSHA	Occupational Safety and Health Administration
PCB	Poly-chlorinated biphenyl
RCRA	Resource Conservation and Recovery Act
REC	Recognized environmental condition
SPCC	Spill Prevention, Control and Countermeasure
SWPPP	Stormwater pollution prevention plan
TEPH	Total extractable petroleum hydrocarbons
TPH	Total petroleum hydrocarbons
TVPH	Total volatile petroleum hydrocarbons
TRI	Toxic release inventory
TSCA	Toxic Substances Control Act
USGS	United States Geological Survey
UST	Underground storage tank
VCP	Voluntary cleanup program
VOC	Volatile organic compound

Units of measure

sq ft or ft ²	square feet
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
ug/l	micrograms per liter
ppb	parts per billion
ppm	parts per million

¹ An additional list of acronyms and definitions is included in Appendix B.

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2119 MILDRED STREET WEST
FIRCREST, PIERCE COUNTY, WASHINGTON**

**Project No. B2087704
Report Date: June 30, 2008**

EXECUTIVE SUMMARY

This Phase I ESA was performed in accordance with our proposal dated April 28, 2008, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Jon M. Einarsen, environmental professional. Alex J. DeOme performed the site reconnaissance on May 8, 2008.

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

- The site (Pierce County Tax Parcel 0220112005) is located at 2119 Mildred Street West in Fircrest, Pierce County, Washington. The site was formerly utilized by Metal Marine Pilot for the design, manufacture, repair, and design of auto pilot devices for boats. The site is a 9.49 acre tract of land that has been improved with an approximately 25,000 square foot main building, an approximately 600 square foot painting building, and an approximately 80 square foot paint storage shed. Concrete building pads for two approximately 700 square foot former buildings are present as well. All buildings and building pads are located in the northwestern portion of the site. An asphalt-paved parking lot is present west of the main building and an asphalt drive is located north and east of the main building. The remainder of the site consists of undeveloped land.
- Three buildings, consisting of the main building, the painting building, and the paint storage building as well as two concrete pads, which appear to be foundations for the former materials building and cardboard building, were observed during the site reconnaissance. Office space, bathrooms, a break room, and a sales room were also located in the main building. The painting building was used to paint and dry parts during production of the auto pilot devices. The paint storage building was used to store paint and other flammable liquids. The former materials building was used to clean parts and equipment used in the Metal Marine Pilot operations. The former cardboard building was used to store cardboard.

EXECUTIVE SUMMARY (cont.)

- During the site reconnaissance, the site buildings appeared to be unoccupied and used as storage for Metal Marine Pilot and the Freeman family (the current site owners). Evidence of two USTs was observed east of the painting building and the paint storage shed, which according to Mr. Freeman, were used to store discharge from floor drains within the painting building and materials building, discharge from a wash basin that was located in the materials building, and discharge from a catch basin that was located in the drum storage area. Based on the contents of the discharge, which commonly contained paints, solvents, and degreasers, these USTs, drains, and the catch basin appear to represent RECs.
- Based on review of the historical information, the site appears to have been undeveloped prior to purchase of the site by Mr. and Mrs. Robert Freeman in approximately 1953. Metal Marine Pilot began operations onsite in the late 1950's when the main building was constructed. The painting building, paint storage building, cardboard building, and materials building were all constructed during the 1960s and 1970s. The materials building and cardboard building were demolished in the early 2000s. Metal Marine Pilot ceased operations on-site in approximately 2000 and the site has been used for storage since that time.

Based on information obtained during historical research the following RECs were identified:

- An asbestos containing transit pipe, formerly used to transport water through the site to the property that adjoins the site to the north, is buried in the eastern portion of the site;
- A wash sink, formerly located in the materials building, was used to clean parts and machinery with solvents and degreasers. Prior to 1990, the waste from the sink was discharged to the undeveloped portion of the site east of the paint storage shed;
- Fluorescent light bulbs were routinely disposed of in the undeveloped portion of the site east of the former loading dock;
- Lime-lined pits, located east of the former loading dock, were used from the late 1960s to the mid 1970s to dispose of acids used in the circuit board etching process. The precise locations of the pits are unknown;
- A drum storage area was located between the materials building and the paint storage building. The drums, which contained solvents, degreasers, and petroleum products, were stored on a concrete pad; however, an unimproved area of equal or lower elevation was located east of the storage area and runoff from the drum storage area may have impacted the unprotected soils;
- A pipe containing paraffin oil ruptured on the north adjoining property and the subsequent release migrated onto the subject site. Contaminated soil on the subject site was removed, but Mr. Freeman believes contamination remains on the adjoining property;

EXECUTIVE SUMMARY (cont.)

- Fill material was imported to the site during several occasions between the early 1970s and the late 1990s. The fill material was not tested for contamination prior to placement onsite and reportedly contains various amounts of construction debris;
 - Prior to the instillation of two sealed recovery USTs located east of the painting building and paint storage building, floor drains located in the painting building and materials building discharged to the undeveloped area east of the buildings;
 - Prior to development of the painting building, spray painting operations occurred on a concrete paved area west of the loading dock. Lacquer wash used during the spray painting process was routinely disposed of in the undeveloped area east of the loading dock;
 - The main building bathrooms are serviced by three septic tanks.
- The site is located in a mixed use area in Fircrest, Washington. The site is bound by commercial development to the north and south, multiple family residential developments to the east, and Mildred Street West followed by commercial development, including a Jiffy Lube automobile servicing facility, to the west.
 - The site was identified by the database report as listed on the State of Washington UST, VCP, CSCSL NFA lists as well as the federal RCRA list. The site was granted a No Further Action (NFA) letter on March 6, 2001, which appears to be related to the removal of PCE contaminated soil from the loading dock area.

The Pace Industries facility was reported as listed on the Washington State UST, VCP, and CSCSL NFA lists as well as the federal RCRA list. Based on residual concentrations of petroleum hydrocarbons and PCBs in soils beneath concrete foundations and footings that exceeded MTCA Method A and B cleanup levels and the potential presence of heavy metals in soils beneath a concrete patio, institutional control soil restrictions, property use restrictions, and maintenance requirements were placed on the property in 1998. The facility was issued an NFA in 2007; however, cleanup of the above listed contamination appears to have not been completed and thus this facility appears to represent a REC.

The database report also reported the Leland M. McArthur facility as listed on the Washington State UST list. This facility appears to have operated during the 1970s as a fueling station which adjoined the site to the south along Mildred Street West. The USTs have been removed from the property; however, based on the years of operation and the proximity of the facility to the subject site, this facility appears to represent a REC.

- Two UST decommissioning reports, two remedial excavation reports, five surface and subsurface investigation reports, one Phase I ESA report, one Washington State

EXECUTIVE SUMMARY (cont.)

Department of Ecology letter, one geotechnical report, and one fill and grading permit were provided for review. Based on information obtained from these reports it appears that oil-range total petroleum hydrocarbons (TPH), perchloroethylene (PCE), and various metal contamination remains in on-site soils which, in some areas, have been identified above applicable MTCA Method A and/or Method B cleanup levels. PCE contamination appears to be confined to an area east of the paint storage shed, which was estimated by others to include 2,000 to 3,000 yards of impacted soil. Oil-range TPH and metal contamination appears to have been sporadically identified throughout the northeastern portion of the site. These reports have indicated that the contaminated areas appear to be discontinuous and no quantitative estimates of contamination have been made.

The Phase I ESA report previously completed by others included an asbestos survey and lead-based paint analysis. The report identified 11 areas where paint contained detectable concentrations of lead, one of which was above 5,000 mg/kg, which is the maximum concentration to be considered non-lead based paint as defined by the EPA. Four types of vinyl flooring, caulking, and HVAC sealant were reported to contain asbestos.

Recommendations

Based on the scope of services, limitations, and findings of this assessment, Terracon recommends that additional investigation should be completed to further assess if the identified RECs have impacted the site and to confirm the findings of previous investigations completed by others.

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Report Date: June 30, 2008**

1.0 INTRODUCTION

1.1 Site Description

Site Description

Site Name	Proposed Fircrest WinCo
Site Location/Address	2119 Mildred Street West, Fircrest, Pierce County, Washington Pierce County Tax Parcel #0220112005
Land Area	Approximately 9.49 acres
Site Improvements	The site is improved with an approximately 25,000 square foot main building, an approximately 600 square foot painting building, and an approximately 80 square foot paint storage shed. Concrete building pads of two approximately 700 square foot former buildings are present as well. All buildings and building pads are located in the northwestern portion of the site. An asphalt-paved parking lot is present west of the main building and an asphalt drive is located north and east of the main building. The remainder of the site consists of undeveloped land.

The approximate site location is depicted on Figure 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A diagram of the site and adjoining properties is included as Figure 2 of Appendix A. A detailed map of the developed portion of the site is included as Figure 3 in Appendix A. A diagram of areas of soil and groundwater contamination identified by previous reports completed by others is included as Figure 4 in Appendix A. Acronyms and terms used in this report are described in Appendix B.

1.2 Scope of Services

This Phase I ESA was performed in accordance with our proposal dated April 28, 2008, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties.

Limitations, ASTM deviations, and significant gaps (if identified) are evident from reviewing the applicable scope of services and the report text.

1.3 Standard of Care

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

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

1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, business environmental risk evaluations, or other services not particularly identified and discussed herein. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Consideration of such information is beyond the scope of this assessment. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- *Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request.*
- *Pertinent documents are referred to in the text of this report, and a separate reference section has not been included.*
- *Lights within the main building were not operational during the site reconnaissance and thus visibility within the building was impaired.*
- *Historic information was not provided back to 1940. Uses of the site were described only as far back as 1946 because site historical information was only readily available back to this date. In our opinion this gap in historical information does not represent a significant data gap, because our aerial photo review indicated that the site was undeveloped land in 1946 and based on information provided by Mr. Freeman which indicates the site was undeveloped prior to purchase of the site by his parents in approximately 1953.*

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

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

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of WinCo Foods, Inc. Use or reliance by any other party is prohibited without the written authorization of WinCo Foods, Inc. and Terracon Consultants, Inc. (Terracon).

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

Continued viability of this report is subject to ASTM E 1527-05 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E 1527-05.

1.6 Client Provided Information

Prior to the site visit, Ty Morrison, client's representative, provided the following information.

1.6.1 Specialized Knowledge or Experience

Mr. Morrison was not aware of specialized knowledge or experience that is material to RECs in connection with the site.

1.6.2 Actual Knowledge of Environmental Liens or AULs

Mr. Morrison did not have actual knowledge of environmental liens or AULs encumbering the site or in connection with the site.

1.6.3 Reason for Significantly Lower Purchase Price

Mr. Morrison was not aware of a significantly lower purchase price because of the presence of hazardous substances or petroleum products.

1.6.4 Commonly Known or Reasonably Ascertainable Information

Mr. Morrison was aware of commonly known or reasonably ascertainable information about the site that is material to RECs in connection with the site based on previous environmental reports that were provided by the site owner. Discussion of these reports is provided in Section 3.11.

1.6.5 Obvious Indicators of Contamination at the Site

Mr. Morrison was aware of obvious indicators that point to the presence or likely presence of contamination at the site based on previous environmental reports that were provided by the site owner. Discussion of these reports is provided in Section 3.11.

2.0 PHYSICAL SETTING

Physical Setting

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
<i>Site Elevation</i>	Approximately 320 feet (NGVD)	USGS Topographic Map, Steilacoom, Washington Quadrangle, 1959. Map revised 1994
<i>Surface Runoff/ Topographic Gradient</i>	Sloping towards the east	
<i>Closest Surface Water</i>	An unnamed pond, approximately 1,300 feet to the south of the site.	
Soil Characteristics		
<i>Soil Type</i>	Alderwood gravelly sandy loam 0 to 15 percent slopes	Pierce County, Washington USDA, Natural Resources Conservation Service Soil Survey issued 1979
<i>Description</i>	This nearly level to rolling soil is moderately well drained. It formed in glacial till and is one of the most extensive soils on the broad uplands in the central part of the county. Included with this soil in mapping in some areas are Everett soils and poorly drained Bellingham and Norma soils and very poorly drained Dupont soils; steeper sloped areas include small areas of better drained Indianola loamy sand on side slopes and poorer drained Norma sandy loam or Dupont muck in troughs. In a typical profile, a thin mat of undecomposed needles and wood fragments overlies a 1 1/2-inch, very dark grayish brown gravelly sandy loam surface layer. The subsoil and the upper part of the substratum, to a depth of 38 inches, are dark yellowish brown, brown, and dark grayish brown gravelly sandy loam. The lower part of the substratum, to a depth of more than 60 inches is weakly cemented, compact glacial till. Reaction is medium acid. A perched water table develops for short periods during the winter and spring rainy seasons. Permeability is very slow in the weakly cemented, compact part of the substratum. Commonly root growth is inhibited and roots are matted directly above this layer. The available water capacity is low. Surface runoff is very slow to medium, and the erosion hazard is slight to moderate.	

Geology/Hydrogeology		
<i>Formation</i>	Vashon glacial till	Geologic Map of the South Half of the Tacoma Quadrangle, Washington: Washington State Department of Natural Resources, 1987
<i>Description</i>	Gray, unsorted, unstratified, highly compacted mixture of clay, silt, sand, gravel, and boulders deposited directly by glacial ice; locally contains outwash sand and gravel both within and overlying till.	
<i>Estimated Depth to First Occurrence of Ground water</i>	Approximately 16 to 20 feet	Limited Phase II Environmental Site Assessment dated June 24, 2005; Kleinfelder
<i>Primary Aquifer</i>	Vashon advance outwash, which appears to be at depths greater than 50 feet below the ground surface (bgs).	Water Resources of the Tacoma Area, Washington, dated 1962
<i>*Hydrogeologic Gradient:</i>	Generalized flow direction of groundwater in the western portion of the Tacoma Upland is to the west. Based on the groundwater contour map included in the reference report, groundwater in the site vicinity appears to flow to the south-southeast; however, contours on the map do not extend to the site vicinity.	

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

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources for indications of RECs. A summary of the historical review is included in Section 3.12. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps

Readily available historical USGS topographic maps were reviewed to identify RECs in connection with the site. Reviewed historical topographic maps are summarized below.

- Steilacoom, Washington, published 1959 from 1947 aerials, revised 1994 from 1990 aerials (1:24,000)

Historical Topographic Maps

Direction	Description
Site	The northwestern portion of the site is in a developed portion of Fircrest and no details are shown and the remainder of the site is undeveloped (1990)
North	A developed portion of Fircrest and no details are shown (1990)
East	A developed portion of Fircrest and no details are shown (1990)
South	A small structure adjoins the site to the south followed by Regents Blvd and the Fircrest Golf Course beyond (1990)
West	Mildred Street West followed by the existing commercial development (1990)

3.2 Historical Aerial Photographs

Selected historical aerial photographs from Aero-Metric were reviewed at approximately 10 to 15 year intervals, if readily available, to obtain information concerning the history of development on and near the site. Evaluation of these aerials may be limited by a photo's quality and scale. Selected photographs are summarized below.

- 1946, Photo ID #C46-154, Approximately 1"=1,000'
- 1971, Photo ID #PT-71 6-6, Approximately 1"=1,500'
- 1979, Photo ID #PTM-79 20-6, 1"=1,500'
- 1985, Photo ID #SKP-85 8-17, Approximately 1"=1,500'
- 1996, Photo ID #SPS-96 17-7, 1"=2,000'
- 2000, Photo ID #PT-00 12-6, 1"=2,000'
- 2003, Photo ID #PT-03 12-6, 1"=1,680'

Historical Aerial Photographs

Direction	Description
Site	Undeveloped land vegetated with shrubs and grasses (1946); The existing main building and the materials building are present in the northwest portion of the site and an apparent swamp area is present in the northeast portion of the site (1971); The painting building, paint storage building, cardboard building, and a small structure between the paint storage and cardboard buildings are present, the eastern portion of the site has been filled and graded, including the apparent swamp area, and a large truck-sized structure is present south of the southeast corner of the main building (1979); The truck-sized structure and the structure between the paint and cardboard buildings are no longer present (1985); An approximately 200 foot by 100 foot area along the central portion of the northern site boundary has been graded (1996); The eastern portion of the site has been additionally filled and graded and a drainage ditch appears to be present (2000); The materials building and cardboard building are no longer present (2003)

Direction	Description
North	Undeveloped land vegetated with shrubs and grasses (1946); A commercial and/or industrial building adjoins the northwest part of the site, followed by commercial and/or industrial development beyond (1971-1979); The adjoining building has expanded east and now includes the existing Danger Zone structure (1985); The adjoining structure has expanded further north (1996-2000); The office building that adjoins the site to the northeast is present (2003)
East	Undeveloped land vegetated with shrubs and grasses (1946); The Fircrest Apartments are present followed by commercial and residential development beyond (1971); The land to the northeast has been graded, the Fircrest Townhomes are present, and the Sterling Savings Bank building is present (1979-2003)
South	Undeveloped land vegetated with shrubs and grasses to the southeast and graded land to the southwest followed by Regents Blvd. and a golf course beyond (1946); The Airport Café building is present (1971); A potential fueling station adjoins the site near the southwest corner of the site (1979-1985); The Airport Café building and potential fueling station have been replaced by the existing Columbia Bank building (1996); The Fircrest Regents Commercial Complex is present adjoining to the south (2000-2003)
West	Mildred St. followed by the Tacoma Airport (1946); Two commercial buildings are present across Mildred St. and the airport has been expanded (1971); The commercial buildings and airport buildings across Mildred St. are no longer present and the airport appears to be abandoned (1979); The existing commercial structures are present across Mildred St. (1985-2003)

The potential fueling station identified in the 1979 and 1985 photographs appears to be related to the Leland M. McArthur facility identified in the database report (Section 4.1).

3.3 Historical City Directories

The Cole and Polk city directories used in this study were made available through the Tacoma Public Library (selected years reviewed: 1960, 1968, 1970, 1975, 1980, 1985, 1990, 1995, 1999/2000, 2005) and were reviewed at approximate five year intervals. Since these references are copyright protected, reproductions are not provided in this report. City directories for the site were not available prior to 1960. The current street address for the site was identified as 2119 Mildred Street West.

Historical City Directories

Direction	Description
Site	2119 Mildred St W: Metal Marine Pilot Inc marine equipment (1999/2000-1968); Freeman Wd Auto Plt (1995-1980); Metmar Fax (1995-1990); Wood Freeman Pilot (1995-1980); Not Listed (1960)
North	2101 Mildred St W: Indochine Café (2005); Pace Indstrs Pgt (2005-1999/2000); Puget Corporation (1995-1980); A La Mode (1980); Ed and Marty's Fuel Oil (1975); Puget Die Casting Co frdys (1975-1968); Not Listed (1960) 6512 20th St Ct W: Office Building (2005); Not Listed (1999/2000-1960)

Direction	Description
East	<p>1345 Regents Blvd: Fircrest Apartments (2005-1980); Not Listed; however, the apartment complex appears to have been present in 1975 and 1970 and listed at 1301 Regents Blvd and 1300 Regents Blvd, respectively (1980-1960)</p> <p>1375 Regents Blvd: Not Listed (2005); Sterling Saving Bank (1999/2000-1995); Western Cmnty Bank (1990-1975); Not Listed (1970-1960)</p>
South	<p>1401 Regents Blvd: Office Building (2005-1999/2000); Not Listed (1995-1960)</p> <p>1501 Regents Blvd: Office Building (2005-1999/2000); Not Listed (1995-1960)</p> <p>2401 Mildred St W: Columbia Bank (2005-1995); Summer Sands (1990-1985); Summer of 52 (1980-1975); Airport Café (1970-1960)</p>
West	<p>2102 Mildred St W: Wendys International Inc (2005-1985); Not Listed (1980-1960)</p> <p>2110 Mildred St W: Dairy Queen (2005-1985); Mildred Street Dry (1999/2000, 1990); Not Listed (1980-1960)</p> <p>2120 Mildred St W: Laird Construction bldg components (1970); Weyerhaeuser Hanger (1968); Not Listed (1960)</p> <p>2122 Mildred St W: Jf2Racing Com (2005); Ale House Pub and Eatery (2005-1995); Calzones Itln Café (1990); Gusto Grannys Pzza (1985); Not Listed (1980-1960)</p> <p>2208 Mildred St W: AMC Narrows Plaza 8 (2005-1985); Not Listed (1980-1960)</p> <p>2212 Mildred St W: Keg Steakhouse & Bar (2005-1985); Not Listed (1980-1960)</p> <p>2218 Mildred St W: Jiffy Lube (2005); Q Lube (1999/2000-1995); Minit-Lube (1990); Not Listed (1985-1960)</p>

The Pace Industries and Puget Corporation facilities appear to represent an aluminum foundry that previously operating on the north adjoining property. This facility is discussed further in Sections 3.10, 3.11, and 4.1.

The Jiffy Lube/Q Lube/Minit-Lube facility, identified as operating on a property west of the site across Mildred Street West, was also identified by the database report and is discussed further in Section 4.1.

Ed and Marty's Fuel Oil was identified as operating on a property north of the site during the mid-1970s. According to Mr. Freeman, the owner of Metal Marine Pilot, Ed and Marty's Fuel Oil was a heating oil supply company. Mr. Freeman believed that heating oil was stored at the facility in USTs.

3.4 Historical Fire Insurance Maps

Historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources Inc. (EDR) to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn Maps were not available for the site.

3.5 Property Tax File Information

Based on a review of information obtained from Pierce County assessor's records, the current site owner is the Robert and Ethel Freeman Family LLC.

3.6 Title Search

A title report, completed by First American Title Insurance Company, was provided for review by the client. The report identified Robert & Ethel Freeman Family LLC as the current site owner. The report indicated that one easement for underground utilities was granted to the City of Fircrest in 1996 and three easements for poles and elevated power lines were granted to the City of Tacoma in 1959, 1966, and 1972.

3.7 Environmental Liens

The title report, completed by First American Title Insurance Company, did not indicate the presence of environmental liens associated with the site.

3.8 Building Department Records

Terracon reviewed building department records at the City of Fircrest City Hall for information indicating RECs on the site. According to department records, a significant amount of fill was imported to the site between the early 1970s and late 1990s. The department records also discussed four on-site USTs used to store kerosene and waste fluids. See Sections 3.10 and 3.11 for further discussion of the fill material and USTs.

3.9 Zoning/Land Use Records

According to the City of Fircrest, the site is currently zoned as Community Commercial.

3.10 Historical Interviews

The following individuals were interviewed regarding historical use of the site.

Interviewees

<u>Interviewer</u>	<u>Interviewee/Phone #</u>	<u>Title</u>	<u>Date/Time</u>
Alex J. DeOme	Michael Freeman	Member of the Freeman Family (site owners) and owner of Metal Marine Pilot	May 8, 2008/11:00AM May 27, 2008/1:30PM

Terracon interviewed Mr. Michael Freeman in person during the site reconnaissance. According to Mr. Freeman, his parents, Mr. Robert Freeman and Mrs. Ethel Freeman, purchased the property in the early 1950s as an undeveloped tract of land. The Freeman family developed the site in the mid to late 1950's. The site was used to manufacture, test, and repair autopilot devices for boats under the company name of Metal Marine Pilot from approximately 1959 until 2000. Mr. Freeman disclosed the following details pertaining to potential environmental concerns related to on and off-site activities:

- An asbestos-containing transit pipe was used to transport water from a water line located south of the site to the Pace Industries building that adjoined the site to the north (see Figure 2 for the approximate location of the pipe). According to Mr. Freeman, the waterline has been abandoned, but sections of the pipe are still in place and are currently buried beneath approximately 20 feet of fill;
- Two underground concrete sealed recovery vaults are located east of the painting building and paint storage shed (Figure 3). The USTs were installed in approximately 1990 to hold runoff collected in floor drains located in the painting building and materials building. A wash sink located in the materials building also discharged to the USTs. An evaporating tank was also installed in approximately 1990 south of the materials building. Fluid from the holding tanks was periodically pumped into the evaporator for disposal. Sludge that remained in the evaporator was removed and placed outside in open pans for further evaporation. The remaining solids were reportedly added to concrete mix, which was used in several areas on-site as approximately indicated on Figure 3;
- Operations on-site included the use and storage of detergents, kerosene, paints, thinners, varnishes, stains, acids, glues, alcohols, aluminum coatings, hydraulic oil, and cleaning solvents including trichloroethylene, perchloroethylene, and methyl ethyl ketone;
- The materials building, contained a wash sink that discharged onto the ground surface east of the building. The wash sink was used to clean parts and equipment with solvents and degreasers. Perchloroethylene (PCE) was reportedly used in the wash sink from approximately 1960 to 1979. According to Mr. Freeman, soil contamination from these activities has been documented and the impacted soil has been removed from the site. Discharge of the waste water from the sink to the undeveloped portion of the site ceased in 1990 when the discharge was rerouted to the two sealed recovery USTs. See Section 3.11 for further details;
- A vapor degreaser was located within the materials shed, which used perchloroethylene to clean parts prior to painting. The vapor degreaser generally contained 1 to 3 gallons of perchloroethylene;

- According to Mr. Freeman, between the early 1960s and 1972, used florescent light bulbs were disposed of in the area east of the developed portion of the site. Mr. Freeman said there was no specific disposal area for the light bulbs and that they were generally tossed into the undeveloped portion of the site;
- The site is serviced by one septic tank located south of the main building and two septic tanks located east of the main building. According to Mr. Freeman, the septic system was used to dispose of waste water from the main building bathrooms;
- A shed located between the main building and the painting building was used to store deep cycle batteries. The batteries were stored in fiberglass boxes within the shed. The shed resided on a gravel area and the shed floor was never improved with concrete or asphalt;
- An area located east of the materials building was used to store drums of solvents, degreasers, and petroleum products. The drums were stored on a concrete pad. The area between the drum storage and the paint storage building was formerly unimproved ground, but was paved with concrete in approximately 1990. At this time a drain was installed in the newly paved area to dispose of runoff from the drum storage area. This runoff was routed to the southern sealed recovery UST.
- Prior to development of the painting building, painting activities were completed in the concrete paved area south of the painting building. During these activities, lacquer wash used in the painting process was routinely disposed of on the ground surface in the undeveloped area east of the former loading dock. According to Mr. Freeman, soil contamination from these activities has been documented and the impacted soil has been removed from the site. See Section 3.11 for further details.
- A hot water heater was buried outside the west-central portion of the main building. The heater was used to store waste kerosene from part cleaning activities that occurred in the compass room. When the tank became full the waste kerosene was pumped out of the tank and into 55-gallon drums, which were transported to the drum storage area near the materials building. The kerosene was then reused in the wash sink.
- Three to five lime lined pits were located in the undeveloped area east of the buildings. The approximately 2 foot by 4 foot pits were used from the late 1960s to the mid-1970s to dispose of acids used during the silkscreen process of circuit boards. The pits are currently under approximately 20 feet of fill soil and the exact location of the pits is unknown.
- A work station was located in the northwest corner of the assembly room that was used to wash soldered connections. Perchloroethylene was used in the cleaning process until approximately 1979, when company began to use Citri-Safe as a

replacement. Cleaning operations were completed in bowls placed on top of a work bench. Waste cleaning materials were placed in drums which were removed from the site for disposal.

- Fill soils were imported to the site at various times between the early 1970s and late 1990s. Originally the soils were imported to fill a seasonal pond that was located in the northeast corner of the site. With the addition of subsequent fill events, fill materials totaled up to approximately 50 feet thick in the former pond location. Fill soils were dispersed throughout the undeveloped, eastern portion of the site. The fill material was imported from various locations near the site, including the former airport, and reportedly contains various amounts of construction debris. No analytical analysis of the material was completed prior to being imported to the site.
- Pace Industries (Pace) operated a foundry on the property that adjoins the site to the north. A pipe rupture caused a spill of paraffin oil onto unimproved ground in the southern portion of the Pace property and the north-central portion of the subject site. The Freeman family reportedly initiated remediation activities to remove the impacted soil on the site. According to Mr. Freeman, cleanup of the spill on the Pace property was not completed for quite some time. Mr. Freeman was not convinced that the cleanup process on the Pace property was completed correctly and believed that contamination still remained. Mr. Freeman also indicated that the floor within the Pace facility was heavily cracked and that the company commonly disposed of waste material outside the southeastern corner of the building. See Section 3.11 and 4.1 for further details on the Pace facility.

3.11 Prior Report Review

The following previous environmental reports, permits and registrations, or geotechnical reports for the site were provided by the client to Terracon for review:

- Don Golden Company, Inc. *UST Decommissioning Report* dated May 7, 1994

This report describes the decommissioning of one 1,000 gallon UST used to store diesel and one 1,000 gallon UST used to store solvent. The approximate former location of these USTs is indicated on Figure 3. According to the report, both USTs were installed in 1982. The diesel UST was listed as a stainless steel tank and the solvent UST was listed as a single-walled steel tank. Both USTs were removed from the site during the decommissioning process. Groundwater was not encountered in the UST cavity and signs of impaired soil were not observed. Nine confirmation samples were obtained from the UST cavity and analyzed for gasoline, diesel, and oil range Total Petroleum Hydrocarbons (TPH) and BTEX (benzene, toluene, ethylbenzene, and total xylenes).

Concentrations of the above listed compounds were reported to be not detectable above laboratory reporting limits.

- Creative Environmental Technologies, Inc (CETI) *Site Characterization and Contaminated Soil Remediation Report: Pace Industries Oil Release April 26, 1999* dated May 5, 1999

This report provided details of remedial activities related to a paraffin oil release from the adjoining Pace Industries facility. The release occurred when the paraffin oil waste system backed up and the resulting pressure blew off a cleanout cap located near the property boundary between the Pace property and the subject site. The total amount of fluid released from the system is unknown. Standing fluid on both properties was pumped into 55-gallon drums upon discovery of the release. The fluid had migrated along a stormwater trench that flowed towards the northeast corner of the site and then to the south along the eastern site boundary. The fluid, which was reportedly contained within the stormwater trench, appeared to migrate approximately 200 feet along the eastern site boundary. Subsequent soil remediation supervised by CETI removed approximately 8 cubic yards of soil from the subject site; however, no remedial work was completed on the Pace property at that time. Confirmation samples indicated that all site soil containing concentrations of heavy oil-range TPH above MTCA Method A cleanup levels had been removed. One confirmation sample located south of the initial release area was reported to contain heavy oil-range TPH at a concentration of 1,100 mg/kg. A second confirmation sample along the northern site boundary was reported to contain heavy oil-range TPH at a concentration of 5,800 mg/kg; however, further excavation was not completed in this area because the contaminated soil appeared to be confined to the Pace property.

- CETI *Phase II Site Assessment: 2119 Mildred Street, Fircrest, Washington* dated March 28, 2000

This investigation was completed on the subject site based on information obtained during the CETI Level I Environmental Site Assessment completed May 7, 1999. The investigation included analysis of 15 soil samples collected from 24 borings. The samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (semi-VOCs), and/or metals including antimony, arsenic, beryllium, cadmium, chromium, copper, lead mercury, nickel, selenium, silver, thallium, and zinc. Antimony, arsenic, copper, lead, mercury, nickel, and zinc were identified in some soil samples (Figure 4 and Table 1); however, concentrations were below MTCA Method A cleanup levels (if available). Total chromium was identified at concentrations ranging from 16 mg/kg to 62 mg/kg, which is below the MTCA Method A cleanup level of 2,000

mg/kg for trivalent chromium; however, some of the samples were above the MTCA Method A cleanup level for hexavalent chromium (19 mg/kg). The samples collected near the former loading dock were reported to contain concentrations of PCE ranging from 0.64 mg/kg to 2.22 mg/kg, which is above the current MTCA Method A cleanup level of 0.05 mg/kg. Based on these findings CETI recommended all PCE contaminated soil be removed from the site.

- CETI *Addendum to the Phase II Site Assessment* dated November 2000

This investigation consisted of the collection of three surface soil samples and a sample collected from a soil boring, all along the northern site boundary near the Pace Industries facility. Two of the surface samples were collected in areas exhibiting an oily appearance, one of which was analyzed for pH and diesel and oil-range TPH. The other surface sample was collected in an area that contained black sooty material and was analyzed for arsenic, cadmium, chromium, lead, mercury, and zinc. The soil boring sample was analyzed for the above listed metals as well as antimony, beryllium, copper, nickel, selenium, silver, and thallium. Detectable concentrations of zinc, nickel, lead, copper, chromium, arsenic, and antimony were identified at concentrations below MTCA Method A and/or Method B cleanup levels (Figure 4 and Table 1). Oil-range TPH was identified at a concentration of 35,000 mg/kg in one of the surface soil samples, which is well above the MTCA Method A cleanup level of 2,000 mg/kg. CETI concluded that the oil-range TPH was related to a spill of paraffin oil that occurred on the Pace Industries property in 1999.

- CETI *PCE Contaminated Soil Remediation Report* dated January 2000 (believed to be an error and actually January 2001)

CETI was retained to cleanup PCE contaminated soil located near the former loading dock (Figure 4), as identified in CETI's March 28, 2000 Phase II Investigation. An approximately 25 foot by 40 foot area was excavated to a depth ranging between 6 feet to 11 feet bgs. The top 4 feet of material was stockpiled separately based on depth to contamination results from borings previously advanced in the area. One of the 6 characterization samples of the stockpile indicated a detectable concentration of PCE; however, the concentration of 0.34 mg/kg was below the MTCA Method A cleanup level used at that time (0.5 mg/kg). Note that the current cleanup level for PCE is 0.05 mg/kg. This material was eventually used as backfill in the excavation. All other soils were stockpiled on September 12, 2000 and were removed on November 28, 2000. All stockpiled soils were placed on a plastic-lined bermed area and covered with plastic sheeting. Nine confirmation samples were collected from the excavation cavity. With the exception of one sample, which was reported to contain a concentration of PCE at

0.39 mg/kg, analytical results of all confirmation samples reported PCE concentrations as not detectable above laboratory reporting limits.

- Washington State Department of Ecology (Ecology) letter regarding the Metal Marine Pilot, Inc. aka Freeman Property (subject site) addressed to Creative Environmental Technologies, Inc. dated March 6, 2001

This letter was in response to a review of the January 2000 PCE Contaminated Soil Remediation Report, the March 28, 2000 Phase II Site Assessment, and the May 7, 1999 Level I Environmental Site Assessment. The letter indicated that Ecology was issuing a No Further Action (NFA) designation for the remediated PCE soil contamination as indicated in the January 2000 report.

- Practical Environmental Solutions, Inc. *Application for Fill and Grading Permit: Drainage and Erosion/Sediment Control Plan*; dated May 3, 2001

Only portions of this report were made available to Terracon, so a full review of this report was not completed. This report details plans to grade approximately 25,000 yards of fill material that was imported to the site in 1998. The report explains that fill material was previously imported and graded in the early 1970s and possibly in the early 1980s. A portion of the fill imported in 1998 was graded prior to completion of this report because of an emergency request submitted by the City of Fircrest in order to eradicate a colony of rats residing on-site. According to the report, temporary stormwater trenches and two stormwater ponds were installed in 1996 and new catch basins were installed in 1999. The plan detailed in the report included grading fill material and installing a stormwater runoff system that included trenches and stormwater ponds that would discharge to the existing City of Fircrest stormwater system.

- Sound Environmental Strategies, Corp. (SES) *Testing of Surface Soils near Eastern Swale of the Property at 2119 Mildred Street, Fircrest, Washington* dated October 8, 2001

SES investigated red staining that had been observed in a swale in the eastern portion of the site. Seven samples were collected from stained areas and analyzed for metals. Analytical results indicated detectable levels of arsenic, barium, cadmium, chromium, lead, beryllium, copper, nickel, and zinc, of which arsenic at 160 mg/kg and 29 mg/kg and cadmium at 30 mg/kg were reported at concentrations above MTCA Method A cleanup levels. During one sampling event, an area of seepage with a visible sheen was observed emanating from the side of the swale. The sample collected from this area was additionally analyzed for TPH; however, analytical results reported the TPH was not

detectable above laboratory reporting limits. SES concluded that the detectable metal concentrations were not associated with the sheen and red staining, which in their opinion was naturally occurring and did not represent soil contamination. SES also concluded that the detectable levels of arsenic and cadmium may be the product of proper application of weed killers and fungicides and they did not constitute a threat to human health and the environment.

- *SES Underground Storage Tank Decommissioning and Soil Remediation Project: 2119 Mildred Street West, Fircrest, Washington* dated May 24, 2002

This report describes the decommissioning of two steel double-walled water heaters which were buried underground and used to store kerosene. Both USTs were located outside the western portion of the main building near the HVAC intake (Figure 3). The USTs, located approximately 6 feet to 8 feet bgs, reportedly were installed in the late 1960s to early 1970s and were used to store kerosene used for parts cleaning. The report indicated that the USTs showed no signs of corrosion or leakage and field staff reported no sign of soil impairment. However, soil samples indicated the presence of diesel range TPH above MTCA Method A cleanup levels. Subsequent remedial excavation removed 6.7 tons of soil from the area. Confirmation soil samples collected after the soil cleanup did not indicated the presence of TPH above laboratory minimum reporting limits.

- *Kleinfelder Final Geotechnical Report: Proposed Retail Development (#4265-00) 2119 Mildred Street, Fircrest, Washington;* dated August 22, 2005

This report was completed for design considerations regarding a retail building and an underground parking garage. The report acknowledged that the site has historically undergone fill and grading activities which they reported to have been completed between 1972 and 2000. According to the report, the fill material was imported from nearby commercial construction projects and roadway projects. Sections of fill material up to approximately 37 feet thick were encountered in some of the 56 borings completed for this report. Field staff reported the presence of wood debris, roots, concrete, asphaltic concrete, plastic, and garbage within fill material encountered during drilling operations. Perched groundwater was observed at varying depths within sandy sections of the fill and native glacial till material.

- *Kleinfelder Phase I Environmental Site Assessment: Proposed Retail Site (#4265-00) 2119 Mildred Street, Fircrest, Washington;* dated May 25, 2005

This report was completed as part of a predevelopment investigation for a proposed retail development. At the time of the report, the site was developed with the existing main building, two detached structures, paved parking area, and the stormwater system consisting of a ditch and two ponds. The site was used as a storage facility containing Metal Marine Pilot equipment and personal property of the Freeman family.

The Phase I included an Asbestos Survey of the main building and two smaller detached structures. The following materials were identified to be asbestos containing materials (over 1% asbestos): vinyl tile in the offices, display room, engineering room, and photocopy room; vinyl sheet flooring in the lunch room and southwest end of the women's bathroom; vinyl sheet flooring in the northeast end of the men's and women's bathrooms and locker rooms; caulking around windows located in the southwestern portion of the main building; sealant around HVAC ducting located north of the compass room on the exterior of the building; and sheetrock joint compound throughout the main building.

The Phase I also included lead sampling which consisted of collection of 12 paint chip samples. Of the 12 samples, 11 were identified to contain concentrations of lead above laboratory reporting limits. Concentrations of lead ranged from 55 mg/kg to 5,100 mg/kg. One sample was identified above 5,000 mg/kg (5,100 mg/kg), which was from light gray paint located on the metal walls of the paint storage shed.

Kleinfelder indicated the previous on-site investigations and remedial work did not sufficiently address impacts to site soil and groundwater. Kleinfelder recommended that addition investigation be completed to address potential contamination due to the Pace facility paraffin oil spill, on-site hazardous material and waste storage, floor staining within the main building, use of the two sealed recovery USTs, onsite disposal of acids in lime-lined pits, onsite disposal of fluorescent light bulbs, and the onsite discharge of waste water mixed with oil and solvents. Kleinfelder also recommended the removal of all hazardous material and hazardous material storage containers, the septic tanks, the transite pipe, if exposed, and the asbestos containing material, as identified by Kleinfelder.

- Kleinfelder *Phase II Environmental Site Assessment: Proposed Retail Site Report (#4265-00) 2119 Mildred Street, Fircrest, Washington; dated May 25, 2005*

This investigation was performed based off the findings of Kleinfelder's 2005 Phase I ESA (discussed above). The investigation consisted of 5 borings that were advanced inside the main building to depths between 1.5 feet and 6 feet bgs and 15 borings that were advanced in the north half of the site to depths between 6 and 24 feet bgs.

Twenty-nine soil samples and three perched water samples were collected from the 20 borings and submitted for analysis. Five of the exterior borings were completed as monitoring wells and groundwater samples from four of the wells (one well was dry) were collected and submitted for analysis.

Analytical results indicated the following: eight soil samples contained detectable concentrations of heavy oil, three of which were the above MTCA Method A cleanup level; three soil samples contained detectable levels of perchloroethylene (PCE), two of which were above the MTCA Method A cleanup level; one soil sample contained a detectable concentration of isopropyltoluene; 11 soil samples contained detectable concentrations of lead; seven soil samples contained detectable concentrations of chromium; one soil sample contained a detectable concentration of arsenic; one groundwater sample contained a detectable concentration of acetone; four groundwater samples contained detectable concentrations of arsenic, two of which were above the MTCA Method A cleanup level; six groundwater samples contained detectable concentrations of barium; two groundwater samples contained detectable concentrations of chromium; and two groundwater samples contained detectable concentrations of selenium (Figure 4, Table 1, and Table 2). Based on these findings further investigation was recommended.

- Kleinfelder *Supplemental Phase II Environmental Site Assessment: Proposed Retail Site Report (#4265-00) 2119 Mildred Street, Fircrest, Washington*; dated September 16, 2005

This investigation was based off the findings of Kleinfelder's 2005 Phase II report (discussed above). The investigation included collection of 14 soil samples from seven borings located in the central portion of the site. An eighth boring, which was completed with a monitoring well, was also advanced in the eastern portion of the site. Five groundwater samples were collected for this investigation, one from the new monitoring well and four from the previously sampled monitoring wells. A soil sample was also collected from the bottom of a drain located in the former material shed. All soil samples and the groundwater sample collected from the new monitoring well were analyzed for PCE, diesel and heavy oil range TPH, and arsenic. The groundwater samples from the old monitoring wells were analyzed for PCE and diesel and heavy oil range TPH.

Analytical results indicated the following: three soil samples contained detectable concentrations of heavy oil-range TPH, one of which was above the MTCA Method A cleanup level; two soil samples contained detectable concentrations of diesel-range TPH; three soil samples contained detectable concentrations of PCE; and one

groundwater sample contained a detectable concentration of arsenic (Figure 4, Table 1, and Table 2).

Kleinfelder discussed the arsenic levels identified during their two Phase II investigations with Charles San Juan, who was a hydrogeologist with Ecology's Toxic Cleanup Program. Mr. San Juan believed the depth of the contamination eliminated the Tacoma Smelter plume as a source of the arsenic and explained that the arsenic may be naturally occurring. He believed that Ecology would likely not require additional investigation in regards to arsenic on-site.

Based on information gathered during their Phase I ESA, Phase II investigation, and Supplemental Phase II investigation, Kleinfelder concluded that 2,000 to 3,000 yards of PCE contaminated soil remains on-site. Heavy oil contamination remained on site as well; however, impacted soil observed in exploratory borings appeared to be limited to 6 inches thick. Also, there appeared to be no correlations between borings as to the depth of contaminated soil, thus Kleinfelder concluded that heavy oil contaminated soil was discontinuous and sporadically located throughout the site. Kleinfelder recommended that the site be enrolled in Ecology's VCP program and all PCE, heavy oil, and paraffin oil contaminated soil be removed prior to development. Also, Kleinfelder recommended that the sealed recovery USTs and the lime-lined pit be removed.

Prior Report Summary

Two UST decommissioning reports, two remedial excavation reports, five surface and subsurface investigation reports, one Phase I ESA report, one Ecology letter, one geotechnical report, and one fill and grading permit were provided for review. Based on information obtained from these reports it appears that oil-range TPH, PCE, and various metals remain on-site which, in some areas, has been identified above applicable MTCA Method A and/or Method B cleanup levels. PCE contamination appears to be confined to an area east of the paint storage shed, which was estimated by Kleinfelder to include 2,000 to 3,000 yards of soil. Oil-range TPH and metal contamination appears to have been sporadically identified throughout the northeastern portion of the site. These reports have indicated that the contaminated areas appear to be discontinuous and no quantitative estimates of contamination have been made.

The Kleinfelder Phase I ESA report included an asbestos survey and lead-based paint analysis. The report identified 11 areas where paint contained detectable concentrations of lead, one of which was above 5,000 mg/kg, which is the maximum concentration to be considered non-lead based paint as defined by the EPA. Four types of vinyl flooring, caulking, and HVAC sealant were reported to contain asbestos.

3.12 Historical Use Information Summary

Based on review of the historical information, the site appears to have been undeveloped prior to purchase of the site by Mr. and Mrs. Robert Freeman in approximately 1953. Metal Marine Pilot, which designed, manufactured, and repaired auto pilot devices for boats, began operations onsite in the late 1950's when the main building was constructed. The painting building, paint storage building, cardboard building, and materials building were all constructed during the 1960s and 1970s. The materials building and cardboard building were demolished in the early 2000s. Metal Marine Pilot ceased operations on-site in approximately 2000 and the site has been used as storage since that time.

Based on information obtained during historical research the following RECs were identified:

- An asbestos containing transit pipe, formerly used to transport water through the site to the property that adjoins the site to the north, is buried in the eastern portion of the site;
- A wash sink, located in the materials building, was used to clean parts and machinery with solvents and degreasers. Prior to 1990, the waste from the sink was discharged to the undeveloped portion of the site east of the paint storage shed;
- Fluorescent light bulbs were routinely disposed of in the undeveloped portion of the site east of the former loading dock;
- Lime-lined pits, located east of the former loading dock, were used from the late 1960s to the mid 1970s to dispose of acids used in the circuit board etching process;
- A drum storage area was located between the materials building and the paint storage building. The drums, which contained solvents, degreasers, and petroleum products, were stored on a concrete pad; however, an unimproved area of equal or lower elevation was located east of the storage area and runoff from the drum storage area may have impacted the unprotected soils;
- A pipe containing paraffin oil ruptured on the north adjoining property in 1999 and the subsequent release migrated onto the subject site. Contaminated soil on the subject site was removed, but Mr. Freeman believes contamination remains on the adjoining property;
- Fill material was imported to the site during several occasions between the early 1970s and the late 1990s. The fill material was not tested for contamination prior to placement onsite and reportedly contains various amounts of construction debris;
- Prior to the installation of two sealed recovery USTs located east of the painting building and paint storage building, floor drains located in the painting building and materials building discharged to the ground surface on the undeveloped area east of the buildings;

- Prior to development of the painting building, spray painting operations occurred on a concrete paved area west of the loading dock. Lacquer wash used during the spray painting process was routinely disposed of on the ground surface in the undeveloped area east of the loading dock;
- The main building bathrooms are serviced by three septic tanks.

4.0 RECORDS REVIEW

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

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

4.1 Federal and State/Tribal Databases

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

Federal and State Databases

<u>Database</u>	<u>Description</u>	<u>Radius (miles)</u>	<u>Listings</u>
Federal			
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	1.0	0
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	0.5	0
CERCLIS	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980.	0.5	0
CERCLIS / NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	0.5	0
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1.0	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.5	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	Site and adjoining properties	2
IC / EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are	Site	0

<u>Database</u>	<u>Description</u>	<u>Radius (miles)</u>	<u>Listings</u>
	generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.		
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Site	0
State			
HSL	The Washington Department of Ecology (Ecology) maintains a listing of state equivalent NPL sites which have been assessed and ranked using the Washington Ranking Method (WARM.)	1.0	0
CSCSL	Ecology maintains a municipal listing of state equivalent CERCLIS sites where contamination of soil and/or ground water is confirmed at levels greater than the applicable cleanup criteria or standards.	0.5	4
CSCSL-NFA	Ecology maintains a database of state equivalent national priority list (NPL) facilities in the State of Washington that have obtained a No Further Action determination (CSCSL NFA)	0.5	3
SWF/LF	State and/or Tribal database of solid waste facilities located within Washington. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	1
LUST	State and/or Tribal database of leaking underground storage tanks in the state of Washington.	0.5	5
UST	State and/or Tribal database of registered storage tanks in the State of Washington which may include the owner and location of the tanks.	Site and adjoining properties	4
ICR	Ecology provides a computer generated database of sites that have submitted remedial action reports, known as Independent Cleanup Reports (ICR). These actions have been conducted without department oversight or approval and are not under an order or decree. The database is no longer updated by Ecology.	0.5	5
IC	Sites that have institutional controls.	Site	0
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	0.5	3
Brownfield	Ecology maintains a database of registered brownfields within the State of Washington.	0.5	0

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

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

to the subject site. Additional discussion for selected facilities may follow the summary table.

Listed Facilities

Facility Name and Location	Estimated Distance/Direction/Gradient	Database Listings
Metal Marine Pilot Inc 2119 Mildred St. W.	Site	UST, VCP, CSCSL NFA, RCRA-NLR
Pace Industries Puget Div Inc/Puget Corp Of Washington 2011 & 2101 Mildred St. W.	Adjoining / north / up-gradient	VCP, CSCSL NFA, RCRA-NLR, UST
Leland M McArthur 2305 Mildred St. W.	Adjoining / south / down-gradient	UST
Jiffy Lube Store 2076/Q Lube 2218 Mildred St. W.	Approximately 50 feet / west / cross-gradient	LUST, UST, ICR
Tacoma Drapery Towne Cleaner 1921 Mildred St. W.	Approximately 600 feet / north / up-gradient	CSCSL
Towne Cleaners 1923 Mildred St. W.	Approximately 600 feet / north / up-gradient	LUST
Tosco 1107730143/ BP #11077 6622 S. 19th St.	Approximately 680 feet / north-northwest / up-gradient	LUST, ICR
Fircrest Village Cleaners 1105 Regents Blvd. #A	Approximately 1150 feet / east-southeast / down-gradient	CSCSL
Exxon #7 7017 1033 Regents Blvd.	Approximately 1430 feet / east-southeast / down-gradient	ICR, CSCSL NFA
Westmark Construction 7010 W 27th St	Approximately 1710 feet / southwest / down-gradient	LUST, ICR
University Place Refuse Svc 2815 Rochester St. W.	Approximately 2090 feet / southwest / down-gradient	LF, LUST, ICR
Arco 4335 2623 Bridgeport Way W.	Approximately 2800 feet / west-southwest / down-gradient	CSCSL, VCP
Hidden Hills Apartments 3313 72nd Ave. Ct. W.	Approximately 3930 feet / south-southwest / down-gradient	CSCSL

Metal Marine Pilot Inc

The site, listed under the name Metal Marine Pilot, Inc, is listed in the State of Washington UST, VCP, and CSCSL NFA lists as well as the federal RCRA list. According to the EDR report, two 111 to 1,100 gallon single-walled USTs, installed in 1974, have been removed from the site, one 111 to 1,100 gallon double-walled UST, installed in 1964, has been closed in place, and one 111 to 1,100 gallon steel single-walled UST, installed in 1964, is listed as having exempt status. The site was issued a NFA on March 6, 2001. No information was reported regarding the VCP listing. The site is listed as a non-generator under the RCRA listing, but was previously listed as a conditionally exempt small quantity generator. No RCRA violations have been reported. See Sections 3.10 and 3.11 for further details.

Pace Industries Puget Div Inc/Puget Corp of Washington

The Pace Industries Puget Division property adjoins the site to the north and is in an assumed up-gradient position relative to the site. The facility is listed in the Washington State UST, VCP, and CSCSL NFA lists as well as the federal RCRA list. According to the EDR report, one 111 to 1,100 gallon steel UST, installed in 1964, has been closed in place at the facility. According to Kleinfelder's 2005 Phase I ESA, approximately 30 yards of impacted soil was removed from under sumps in the southern portion of the Pace property in 1990. The EDR report indicated that, based on residual concentrations of petroleum hydrocarbons and PCBs in soils beneath concrete foundations and footings that exceeded MTCA Method A and B cleanup levels and the potential presence of heavy metals in soils beneath a concrete patio, institutional control soil restrictions, property use restrictions, and maintenance requirements were placed on the property in 1998. The property use and soil restrictions were rescinded in 2003. The facility was issued a CSCSL NFA designation in October 4, 2007. No information was reported regarding the VCP listing. The facility is reportedly no longer regulated as a RCRA facility; however, as late as June 4, 2001 the facility was listed as a large quantity generator. No RCRA violations have been reported. See Sections 3.10 for further details.

Leland M McArthur

The Leland M McArthur facility is listed in the Washington State UST list. Based on information obtained during the aerial photograph review and assumptions made regarding the facility address, the facility appears to have formerly adjoined the site to the south. The facility appears to have been a fueling station during the 1970s. According to the EDR report, three USTs, installed in 1964, have been removed from the facility. Based on the age of the USTs and the proximity of the facility to the subject site, this facility appears to represent a REC.

Jiffy Lube Store 2076/Q Lube

The Jiffy Lube/Q Lube facility, located approximately 50 feet west of the site and in an assumed cross-gradient location relative to the site, is listed in the State of Washington UST, LUST, and ICR lists. According to the EDR report, one 111 to 1,100 gallon single-walled UST and two 1,101 to 2,000 gallon single-walled USTs were installed in 1982. A release from the UST system impacting soil was reported on April 4, 1995. An ICR Final Cleanup Report was submitted on May 4, 1995 and cleanup was deemed to be complete. All three USTs have reportedly been removed from the facility. Based on the reported depth to groundwater in the area, lack of a reported impact to groundwater at the facility, and the reported completion of cleanup at the facility, this does not appear to represent a REC.

Tacoma Drapery Towne Cleaner

Tacoma Drapery Towne Cleaner and Towne Cleaner were both listed as located approximately 600 feet north of the site. Based on the similarities of the names and the physical addresses of the facilities, it is assumed that these two listing names refer to the same facility. This facility, which is located in an assumed up-gradient position relative to the site, is listed in the Washington State CSCSL and LUST lists. According to the EDR report, soil at the facility was impacted by a release of a petroleum product on April 5, 1993, Soil contamination was reported as cleaned up on November 17, 2006; however, the facility was registered as a CSCSL facility on December 11, 2006 and according to the CSCSL listing is awaiting cleanup. Based on the reported depth to groundwater in the area, lack of a reported impact to groundwater at the facility, and distance of the facility from the subject site, this does not appear to represent a REC.

Tosco 1107730143/BP #11077

The Tosco/BP facility, located approximately 680 feet north-northwest of the site and in an assumed up-gradient position relative to the site, is listed in the Washington State LUST and ICR lists. Soils at the facility were reported on February 12, 1990 to be impacted by a release of petroleum products from a UST. Cleanup reportedly began on October 24, 1995; however, the facility was listed as awaiting cleanup on December 13, 2007. Interim ICR cleanup reports were submitted on May 13, 1993, August 9, 1993, and April 2, 1997. According to EDR, a final ICR cleanup report has not been submitted. Based on the reported depth to groundwater in the area, lack of a reported impact to groundwater at the facility, and distance of the facility from the subject site, this does not appear to represent a REC.

The remaining facility listings do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and relative distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed 5 facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the site. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

4.2.1 Planning/Building Department

The City of Fircrest Planning/Building Department was contacted in person regarding environmental records or information indicating environmental concerns for the site. The department file on the site was provided for review. See Section 3.8 for a summary of the department records.

The Pierce County Planning and Land Services Department was contacted regarding environmental records or information indicating environmental concerns for the site. A representative of the department instructed us to visit the Pierce County Planning and Land Services website for the desired information. Five records associated with the site were identified on the Planning and Land Services website. The records included a permit to remove a 1,000 gallon diesel UST and a 1,000 gallon solvent UST, a permit to use/handle combustible liquids, a permit to conduct spray finishing operations, a canceled permit to install a new gas water heater, and a fire inspection record. The UST decommissioning record appears to be associated with the decommissioning reported discussed in Section 3.11. Storage and use of chemicals, including combustible liquids, is discussed further in Sections 3.10 and 3.11.

4.2.2 Fire Department

The City of Tacoma Fire Department was contacted by telephone regarding environmental records or information indicating environmental concerns for the site. According to a department representative, the department does not have records on file pertaining to hazardous conditions or HAZMAT calls related to the site. The representative also said that the Tacoma Fire Department does not regulate USTs within the City of Fircrest and referred us to the City of Fircrest for information in USTs.

4.2.3 Health Department

The Tacoma/Pierce County Health Department website was reviewed regarding environmental records for information indicative of environmental concerns for the site. According to department records, a permit for an onsite septic system was granted in 1966. The permit record appears to indicate that the system included two 500 gallon septic tanks and a 100 yard drain field that serviced five toilets, two urinals, and two sinks.

4.3 Records Review Summary

The site was identified by the database report as a listed in the State of Washington UST, VCP, CSCSL NFA lists as well as the federal RCRA list. The site was granted a NFA on March 6, 2001, which appears to be related to the removal of PCE contaminated soil from the loading dock area.

The Pace Industries facility was reported as listed in the Washington State UST, VCP, and CSCSL NFA lists as well as the federal RCRA list. Based on residual concentrations of petroleum hydrocarbons and PCBs in soils beneath concrete foundations and footings that exceeded MTCA Method A and B cleanup levels and the potential presence of heavy metals in soils beneath a concrete patio, institutional control soil restrictions, property use restrictions, and maintenance requirements were placed on the property in 1998. The facility was issues an NFA in 2007; however, cleanup of the above listed contamination appears to have not been completed and thus this facility appears to represents a REC.

The database report also reported the Leland M. McArthur facility as listed in the Washington State UST list. This facility appears to have operated during the 1970s a fueling station which adjoined the site to the south along Mildred Street West. The USTs have been removed from the property; however, based on the years of operation and the proximity of the facility to the subject site, this facility appears to represent a REC.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Figure 2 and Figure 3 in Appendix A are diagrams of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix E. Credentials of the individuals planning and conducting the site visit are included in Appendix F.

General Site Information

Site Reconnaissance				
<i>Field Personnel</i>	Alex J. DeOme			
<i>Reconnaissance Date</i>	May 8, 2008			
<i>Weather Conditions</i>	Cloudy, approximately 50 ⁰ F			
<i>Site Contact/Title</i>	Michael Freeman/Member of the Freeman Family (site owners) and owner of Metal Marine Pilot			
Site Description				
<i>Site Name</i>	Proposed Fircrest WinCo			
<i>Site Location/Address</i>	2119 Mildred Street West, Fircrest, Pierce County, Washington			
<i>Land Area</i>	Approximately 9.49 acres			
<i>Site Improvements</i>	The site is improved with an approximately 25,000 square foot main building, an approximately 600 square foot painting building, and an approximately 80 square foot paint storage shed. Concrete building pads of two approximately 700 square foot former buildings are present as well. All buildings and building pads are located in the northwestern portion of the site. An asphalt-paved parking lot is present west of the main building and an asphalt drive is located north and east of the main building. The remainder of the site consists of undeveloped land.			
<i>Zoning</i>	Community Commercial			
<i>Site Topographic Relief</i>	Except for the eastern quarter of the site which slopes steeply to the east, the site slopes gently to the east-southeast			
Building Description				
<i>Building Identification</i>	<i>Building Use</i>	<i>Approx. Construction Date</i>	<i>Number of Stories</i>	<i>Approx. Size (ft²)</i>
Main Building	Formerly used for manufacture/design/repair of autopilot devices for boats as well as office and sales space	1959	1	25,000
Painting Building	Painting and drying of parts	Mid-1970s	1	600
Paint Storage Building	Storage of paint	Mid-1970s	1	80
Materials Building (Historical)	Used to clean parts and equipment	1959	1	700
Cardboard Building (Historical)	Storage of cardboard boxes	Mid-1970s	1	700

Site Utilities	
<i>Electricity</i>	Puget Sound Energy
<i>Drinking Water</i>	City of Fircrest
<i>Wastewater</i>	City of Fircrest
<i>Natural Gas</i>	None Provided

5.2 General Description of Site, Occupants, and Operations

The site is currently unoccupied and is used as storage for Metal Marine Pilot and the Freeman family.

5.3 Site Observations

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

Site Characteristics

Category	Item or Feature	Observed
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Laboratory hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	X
	MSDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	X
	Sumps, cisterns, catch basins and/or dry wells	X
	Grease traps	
	Septic tanks and/or leach fields	X
	Oil/water separators	
	Pipeline markers	

Category	Item or Feature	Observed
	Interior floor drains	X
Electrical Transformers/ PCBs	Pad or pole mounted transformers and/or capacitors	X
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wells	

Aboveground Chemical or Waste Storage

Drums, barrels and/or containers > 5 gallons

One unlabeled empty 55-gallon drum was observed south of the painting building during the site reconnaissance. Surficial staining was not observed on the sides of the drum or the surrounding area. A release from the drum was not observed during the site reconnaissance.

Underground Chemical or Waste Storage, Drainage or Collection Systems

Underground storage tanks or ancillary UST equipment

According to Mr. Freeman, two sealed recovery USTs are located east of the painting building and paint storage shed. The USTs were installed in approximately 1990 to hold runoff collected in floor drains located in the painting building and materials building. A wash sink located in the materials building also discharged to the USTs. An evaporating tank was also installed in approximately 1990 south of the materials building. Fluid from the sealed recovery USTs was periodically pumped into the evaporator for disposal. Sludge that remained in the evaporator was removed and placed outside in open pans for further evaporation. The remaining solids were reportedly added to concrete mix, which was used in several areas on-site. According to Mr. Freeman, the USTs currently contain stormwater. Based on the reported materials discharged to the USTs, these USTs appear to represent RECs. Historically present USTs are discussed in Section 3.

Sumps, cisterns, catch basins and/or dry wells

Evidence of seven catch basins were observed onsite during the site reconnaissance. According to Mr. Freeman, the catch basins discharge to the City of Fircrest stormwater system. Surficial staining or odors were not observed on or adjacent to any of the catch basins. The catch basins do not appear to represent RECs.

Another catch basin was observed in the former drum storage area. According to Mr. Freeman, this catch basin discharges to the southern sealed recovery UST, located east of the paint storage building. Surficial staining or odors were not observed on or adjacent to the catch basin; however, based on the contents of drums formerly stored in the vicinity of the catch basin, this catch basin appears to represent a REC.

Septic tanks and/or leach fields

The subject site is equipped with three septic tanks, one located south of the main building and the other two located east of the main building (Figure 3). According to Mr. Freeman, the septic tanks were used exclusively for discharge from the restrooms located in the main building and no hazardous material was discharged to the septic system. Stressed vegetation or noxious odors was not observed in the vicinity of the on-site septic tanks and drain fields. However, based on the substantial historic use of potentially hazardous materials at the site, the septic tanks and leach fields appear to represent a REC.

Interior floor drains

Five interior floor drains were observed in the painting building and two drains were observed on the building pad of the former materials building. According to Mr. Freeman, the floor drains discharge to the two concrete sealed recovery USTs located east of the painting building and paint storage shed. Evidence of staining or other releases to the floor drains were not observed during the site reconnaissance. Potentially hazardous materials did not appear to be stored in the vicinity of the floor drains; however, based on information provided by Mr. Freeman, it appears paints, solvents, and degreasers were discharged through the floor drains. According to a previous report completed by others, a soil sample collected from the bottom of one drain located in the materials building was reported to contain diesel-range TPH at a concentration of 420 mg/kg and heavy oil-range TPH at a concentration of 1,700 mg/kg. Based on information provided by Mr. Freeman and the previous report, these floor drains appear to represent a RECs.

Electrical Transformers/ PCBs

Pad or pole mounted transformers and/or capacitors

During Terracon's site visit, four pole-mounted transformers, owned and serviced by Puget Sound Energy, were observed; however, no information with regard to PCB content of the transformer fluids was observed. Transformers contain mineral oil which may contain minor amounts of PCB and could be considered "PCB contaminated" (PCB content of 50-500 ppm).

Puget Sound Energy maintains responsibility for the transformers, and if the transformers were "PCB contaminated," the utility company is not required to replace the transformer fluids until a release is identified. However, no evidence of current or prior release was observed in the vicinity of the electrical equipment during the site reconnaissance.

Releases or Potential Releases

Trash, debris and/or other waste materials

Trash and debris was observed throughout the subject site during the site reconnaissance. Based on visual observation (only of surface materials) the material appeared to be primarily household waste. The debris materials did not appear to be hazardous in nature and leakage, spills, or other releases from these materials were not observed during the visual reconnaissance. Based on visual observations, the trash and debris does not appear to represent a REC.

Construction/demolition debris and/or dumped fill dirt

According to Mr. Freeman, the eastern half of the site has undergone several fill and grading events. See Sections 3.10 and 3.11 for further discussion.

5.4 Interviews Conducted During Visual Reconnaissance

The following individuals were interviewed regarding the presence or absence of the features listed in the table above.

Interviewees

<u>Interviewer</u>	<u>Interviewee/Phone #</u>	<u>Title</u>	<u>Date/Time</u>
Alex J. DeOme	Michael Freeman	Member of Freeman Family (site owners) and owner of Metal Marine Pilot	May 8, 2008/11:00 May 27, 2008/1:30PM

Information obtained from the above-listed interviewee is discussed in Sections 3.10 and 5.3.

5.5 Site Reconnaissance Summary

During the site reconnaissance, the site buildings appeared to be unoccupied and used as storage for Metal Marine Pilot and the Freeman family. Evidence of two sealed recovery USTs was observed east of the painting building and the paint storage shed, which according to Mr. Freeman, were used to store discharge from floor drains within the painting building and materials building, discharge from a wash basin that was located in the materials building, and discharge from a catch basin that was located in the drum storage area. Based on the contents of the discharge, which commonly contained paints, solvents, and degreasers, these USTs, drains, and the catch basin appear to represent RECs. On-site septic tanks and leach fields are additionally identified as RECs.

6.0 ADJOINING PROPERTY RECONNAISSANCE

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

Adjoining Properties

Direction	Description
North	Two commercial buildings and one office building
East	Fircrest Family Townhouses and Fircrest Apartment Homes to the east and Sterling Savings Bank to the southeast
South	Fircrest Regents office/commercial complex and Columbia Bank
West	Mildred Street West followed by five restaurants, a Jiffy Lube, and a Movie Theater

The site is located in a mixed-use portion of Fircrest. The site is bound by commercial development to the north and south, multi-family residential development to the east, and Mildred Street West followed by commercial development to the west, including a Jiffy Lube automobile servicing facility, which does not appear to represent a REC and is discussed further in Section 4.1.

7.0 ADDITIONAL SERVICES

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

8.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

8.1 Findings and Conclusions

This Phase I ESA was performed in accordance with our proposal dated May 2, 2008, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Jon M. Einarsen, environmental professional. Alex J. DeOme performed the site reconnaissance on May 8, 2008.

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

- The site (Pierce County Tax Parcel 0220112005) is located at 2119 Mildred Street West in Fircrest, Pierce County, Washington. The site was formerly utilized by Metal Marine Pilot for the design, manufacture, repair, and design of auto pilot devices for boats. The site is a 9.49 acre tract of land that has been improved with an approximately 25,000 square foot main building, an approximately 600 square foot painting building, and an approximately 80 square foot paint storage shed. Concrete building pads for two approximately 700 square foot former buildings are present as well. All buildings and building pads are located in the northwestern portion of the site. An asphalt-paved parking lot is present west of the main building and an asphalt drive is located north and east of the main building. The remainder of the site consists of undeveloped land.
- Three buildings, consisting of the main building, the painting building, and the paint storage building as well as two concrete pads, which appear to be foundations for the former materials building and cardboard building, were observed during the site reconnaissance. Office space, bathrooms, a break room, and a sales room were also located in the main building. The painting building was used to paint and dry parts during production of the auto pilot devices. The paint storage building was

used to store paint and other flammable liquids. The former materials building was used to clean parts and equipment used in the Metal Marine Pilot operations. The former cardboard building was used to store cardboard.

- During the site reconnaissance, the site buildings appeared to be unoccupied and used as storage for Metal Marine Pilot and the Freeman family (the current site owners). Evidence of two USTs was observed east of the painting building and the paint storage shed, which according to Mr. Freeman, were used to store discharge from floor drains within the painting building and materials building, discharge from a wash basin that was located in the materials building, and discharge from a catch basin that was located in the drum storage area. Based on the contents of the discharge, which commonly contained paints, solvents, and degreasers, these USTs, drains, and the catch basin appear to represent RECs.
- Based on review of the historical information, the site appears to have been undeveloped prior to purchase of the site by Mr. and Mrs. Robert Freeman in approximately 1953. Metal Marine Pilot began operations onsite in the late 1950's when the main building was constructed. The painting building, paint storage building, cardboard building, and materials building were all constructed during the 1960s and 1970s. The materials building and cardboard building were demolished in the early 2000s. Metal Marine Pilot ceased operations on-site in approximately 2000 and the site has been used for storage since that time.

Based on information obtained during historical research the following RECs were identified:

- An asbestos containing transit pipe, formerly used to transport water through the site to the property that adjoins the site to the north, is buried in the eastern portion of the site;
- A wash sink, formerly located in the materials building, was used to clean parts and machinery with solvents and degreasers. Prior to 1990, the waste from the sink was discharged to the undeveloped portion of the site east of the paint storage shed;
- Fluorescent light bulbs were routinely disposed of in the undeveloped portion of the site east of the former loading dock;
- Lime-lined pits, located east of the former loading dock, were used from the late 1960s to the mid 1970s to dispose of acids used in the circuit board etching process. The precise locations of the pits are unknown;
- A drum storage area was located between the materials building and the paint storage building. The drums, which contained solvents, degreasers, and petroleum products, were stored on a concrete pad; however, an unimproved

- area of equal or lower elevation was located east of the storage area and runoff from the drum storage area may have impacted the unprotected soils;
- A pipe containing paraffin oil ruptured on the north adjoining property and the subsequent release migrated onto the subject site. Contaminated soil on the subject site was removed, but Mr. Freeman believes contamination remains on the adjoining property;
 - Fill material was imported to the site during several occasions between the early 1970s and the late 1990s. The fill material was not tested for contamination prior to placement onsite and reportedly contains various amounts of construction debris;
 - Prior to the instillation of two sealed recovery USTs located east of the painting building and paint storage building, floor drains located in the painting building and materials building discharged to the undeveloped area east of the buildings;
 - Prior to development of the painting building, spray painting operations occurred on a concrete paved area west of the loading dock. Lacquer wash used during the spray painting process was routinely disposed of in the undeveloped area east of the loading dock;
 - The main building bathrooms are serviced by three septic tanks.
- The site is located in a mixed use area in Fircrest, Washington. The site is bound by commercial development to the north and south, multiple family residential developments to the east, and Mildred Street West followed by commercial development, including a Jiffy Lube automobile servicing facility, to the west.
 - The site was identified by the database report as listed on the State of Washington UST, VCP, CSCSL NFA lists as well as the federal RCRA list. The site was granted a No Further Action (NFA) letter on March 6, 2001, which appears to be related to the removal of PCE contaminated soil from the loading dock area.

The Pace Industries facility was reported as listed on the Washington State UST, VCP, and CSCSL NFA lists as well as the federal RCRA list. Based on residual concentrations of petroleum hydrocarbons and PCBs in soils beneath concrete foundations and footings that exceeded MTCA Method A and B cleanup levels and the potential presence of heavy metals in soils beneath a concrete patio, institutional control soil restrictions, property use restrictions, and maintenance requirements were placed on the property in 1998. The facility was issued an NFA in 2007; however, cleanup of the above listed contamination appears to have not been completed and thus this facility appears to represent a REC.

The database report also reported the Leland M. McArthur facility as listed on the Washington State UST list. This facility appears to have operated during the 1970s as a fueling station which adjoined the site to the south along Mildred Street West. The USTs have been removed from the property; however, based on the years of operation and the proximity of the facility to the subject site, this facility appears to represent a REC.

- Two UST decommissioning reports, two remedial excavation reports, five surface and subsurface investigation reports, one Phase I ESA report, one Washington State Department of Ecology letter, one geotechnical report, and one fill and grading permit were provided for review. Based on information obtained from these reports it appears that oil-range total petroleum hydrocarbons (TPH), perchloroethylene (PCE), and various metal contamination remains in on-site soils which, in some areas, have been identified above applicable MTCA Method A and/or Method B cleanup levels. PCE contamination appears to be confined to an area east of the paint storage shed, which was estimated by others to include 2,000 to 3,000 yards of impacted soil. Oil-range TPH and metal contamination appears to have been sporadically identified throughout the northeastern portion of the site. These reports have indicated that the contaminated areas appear to be discontinuous and no quantitative estimates of contamination have been made.

The Phase I ESA report previously completed by others included an asbestos survey and lead-based paint analysis. The report identified 11 areas where paint contained detectable concentrations of lead, one of which was above 5,000 mg/kg, which is the maximum concentration to be considered non-lead based paint as defined by the EPA. Four types of vinyl flooring, caulking, and HVAC sealant were reported to contain asbestos.

8.2 Recommendations

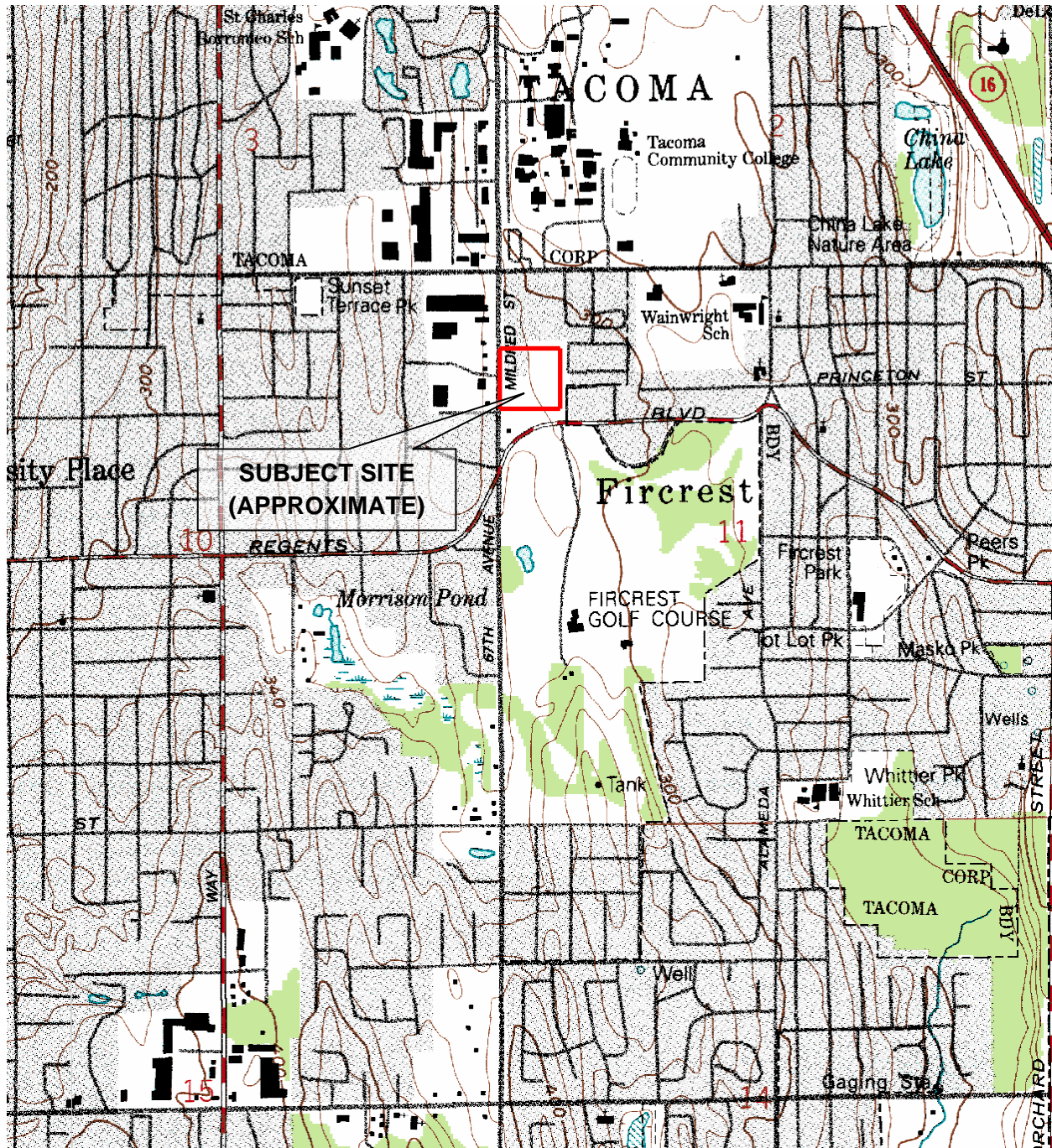
Based on the scope of services, limitations, and findings of this assessment, Terracon recommends that additional investigation should be completed to further assess if the identified RECs have impacted the site and to confirm the findings of previous investigations completed by others.

9.0 DECLARATION

I, Jon M. Einarsen, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the subject site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practice set forth in 40 CFR Part 312.

APPENDIX A

Figure 1 - Topographic Map, Figure 2 - Site and Vicinity Map, Figure 3 - Site Map, Figure 4 - Previous Investigations Map, Table 1 - Previous Soil Analytical Results, Table 2 - Previous Groundwater Analytical Results



Reference: U.S. Geological Survey, Steilacoom
 Quadrangle (1959, revised 1994).



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

SITE LOCATION AND TOPOGRAPHIC MAP
Fircrest WinCo
 Fircrest, Pierce County, Washington

Project Mngr:	JME	 2115 South 56 th Street, Suite 405 Tacoma, Washington 98409 (253) 573-9939 Fax: (253) 573-9959	Project No.	B2087704
Designed By:	AJD		Scale:	
Checked By:			Date:	May 2008
Approved By:			Drawn By:	AJD
File Name:			Figure No.	1

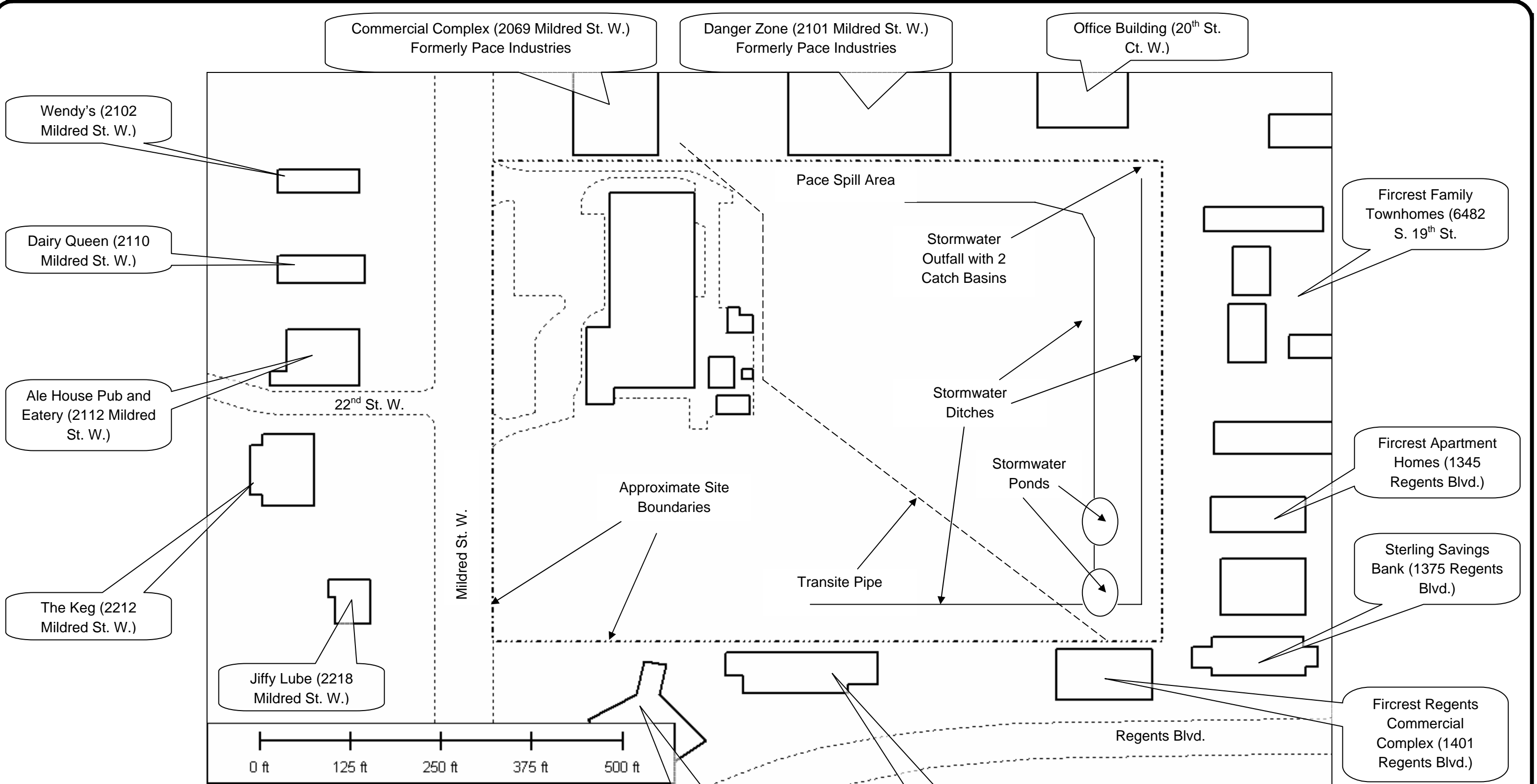







DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Site and Vicinity Map		
Fircrest WinCo		
Fircrest, Pierce County, Washington		
Project Mngr:	JME	Project No. B2087704
Designed By:	AJD	Scale: As Shown
Checked By:		Date: May 2008
Approved By:		Drawn By: AJD
File Name:		Figure No. 2



Legend

-  Catch Basin
-  UST
-  Pole-Mounted Transformer
-  Floor Drain
-  Septic Tank

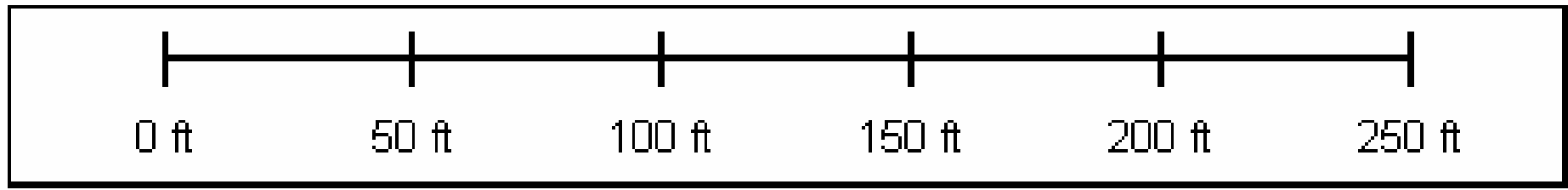
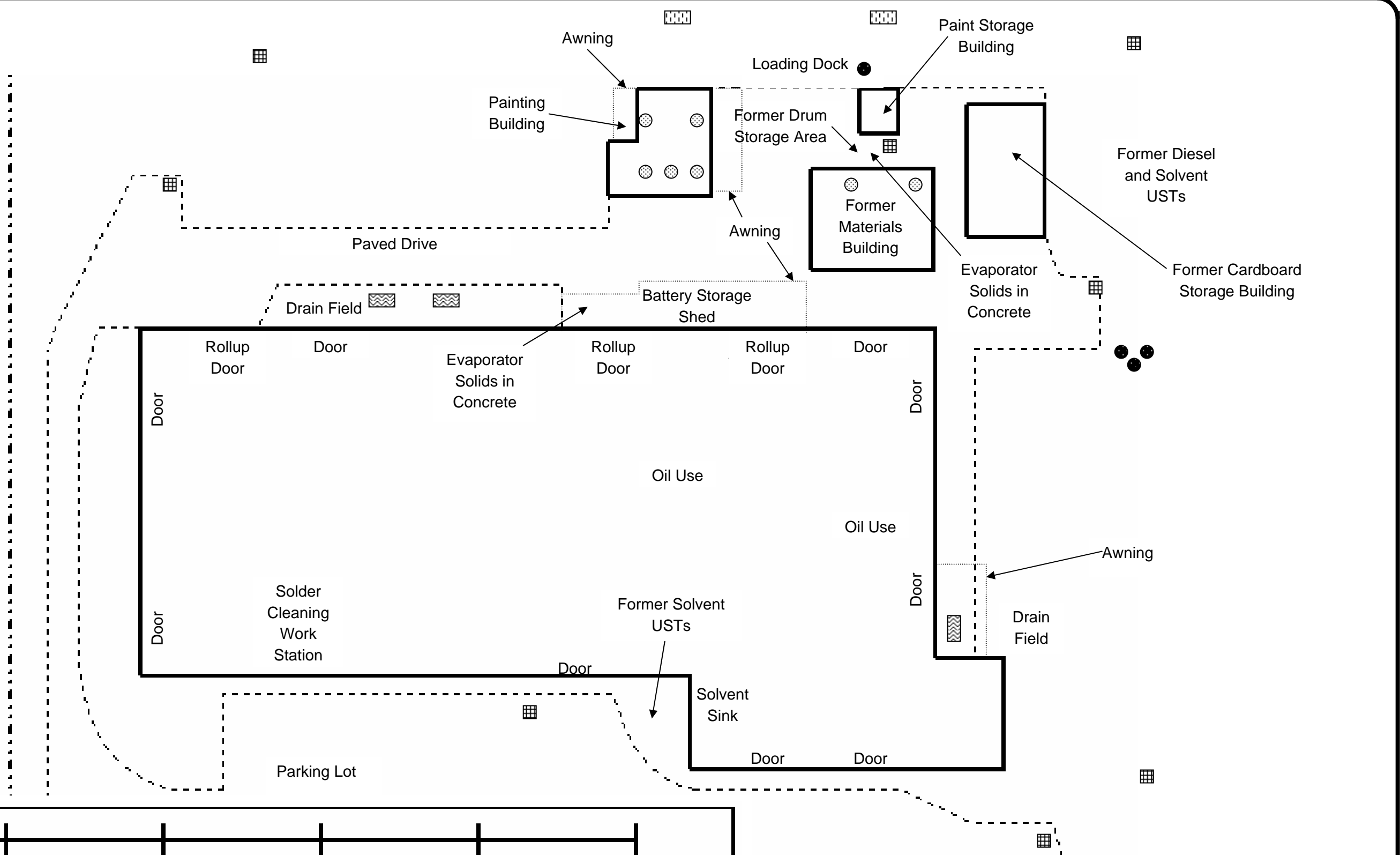
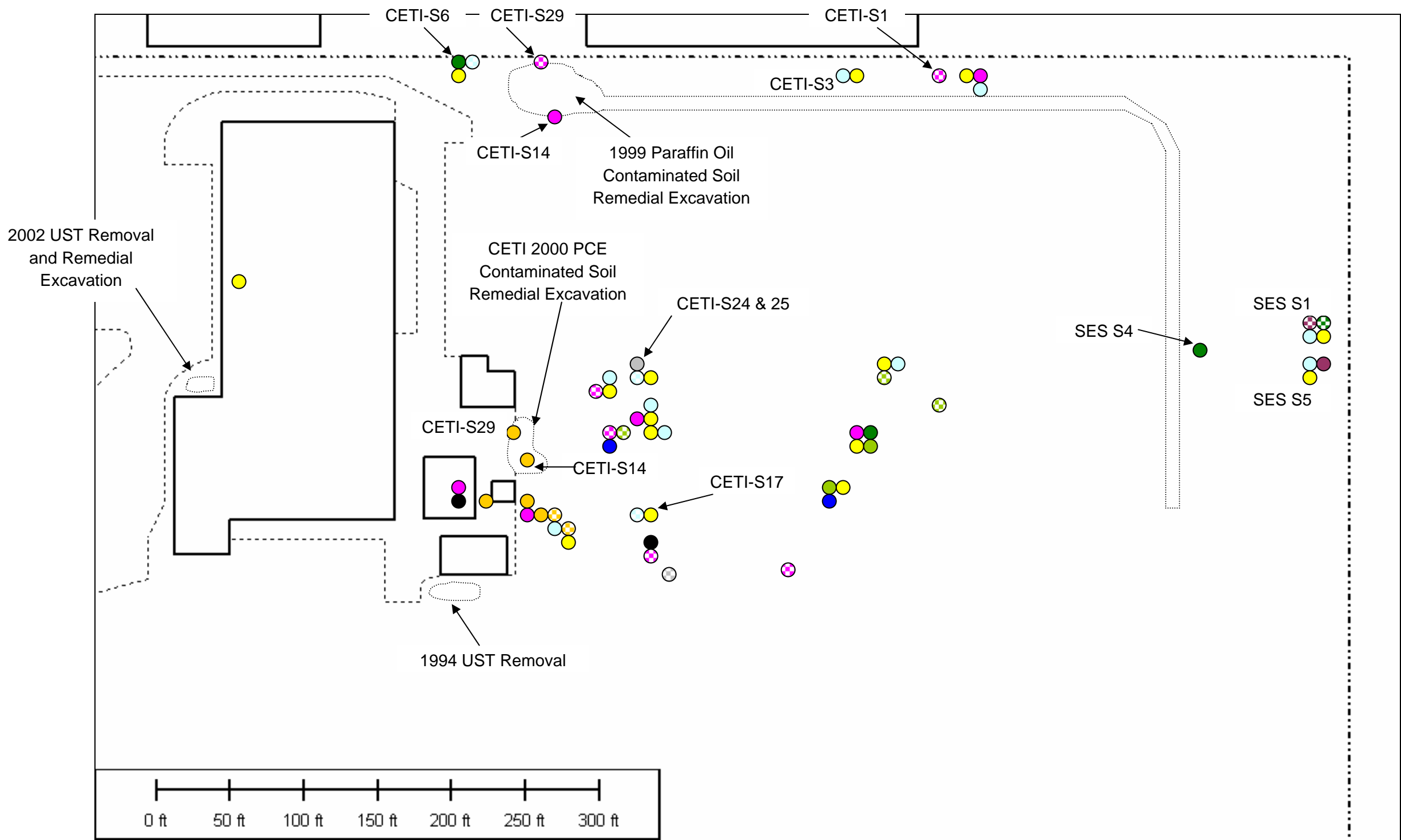


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Site Map		
Fircrest WinCo		
Fircrest, Pierce County, Washington		
Project Mngr:	JME	Project No. B2087704
Designed By:		Scale: As Shown
Checked By:		Date: May 2008
Approved By:		Drawn By: AJD
File Name:		Figure No. 3

Terracon
 2115 South 56th Street, Suite 405
 Tacoma, Washington 98409
 (253) 573-9939 Fax: (253) 573-9959

Former Pace Industries Facility



Legend-Elevated Levels in Soils and Groundwater

- Heavy Oil
 - Diesel
 - PCE
 - Arsenic (Groundwater)
 - Lead
 - Chromium
 - Arsenic
 - Chromium (Groundwater)
 - Cadmium
 - Mercury
 - ⊗ Pattern Indicates Concentrations Above MTCA Method A Cleanup Levels
- *For Identification of Non-Labeled Samples Refer to Kleinfelder's 2005 Phase II and Supplemental Phase II Reports

LOCATIONS OF SAMPLES, COMPOUND CONCENTRATIONS, AND EXCAVATION LOCATIONS ARE BASED OFF PRIOR REPORTS COMPLETED BY OTHERS. THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.



Previous Investigations Map
Fircrest WinCo
 Fircrest, Pierce County, Washington

Project Mngr:	JME	Project No.	B2087704
Designed By:		Scale:	As Shown
Checked By:		Date:	May 2008
Approved By:		Drawn By:	AJD
File Name:		Figure No.	4

Terracon
 2115 South 56th Street, Suite 405
 Tacoma, Washington 98409
 (253) 573-9939 Fax: (253) 573-9959

Table 1: Summarized Analytical Results (Soil) from Previous Reports

Sample No.	Sample Depth	Total Petroleum Hydrocarbons (mg/kg)			Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Total Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Zinc (mg/kg)	VOC	PCE (mg/kg)	Isopropyl-toluene (mg/kg)
		Gasoline-Range	Diesel-Range	Motor Oil-Range																	
CETI S14-42899	?	-	<25	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CETI-S29-42899	?	-	<25	5,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SES S1-82900	0-2 in.	-	-	-	-	160	260	-	30	6.7	-	18	<0.05	-	<8	<0.7	-	-	-	<0.25	-
SES S5-91500	0-1 in.	-	-	-	<5	<5	-	0.1	1.3	18	12	12	<0.05	17	<8	<0.7	<0.2	29	-	-	-
SES S4-91500	0-4 in.	-	-	-	-	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CETI SP4-SW-4	4 ft.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34
CETI CS3-NWSW-6	6 ft.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39
CETI S1-21500	?	-	-	35,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CETI S3-21500	?	-	-	-	-	<5	-	-	<0.3	20	-	16	<0.05	-	-	-	-	1,500	-	-	-
CETI S6-2100	2-4 ft.	-	-	-	13	12	-	<0.1	<0.3	16	130	39	<0.05	15	<8	<0.7	<0.1	250	ND	-	-
CETI S17-13100	4-6 ft.	-	-	-	21	<5	-	<0.1	<0.3	38	16	8	<0.05	36	<8	<0.7	<0.1	65	ND	-	-
CETI S24-13100	9-10 ft.	-	-	-	18	<5	-	<0.1	<0.3	62	29	28	0.07	22	<8	<0.7	<0.1	34	ND	-	-
CETI S25-13100	11-12 ft.	-	-	-	21	<5	-	<0.1	<0.3	21	7.5	5	<0.05	17	<8	<0.7	<0.1	28	-	-	-
K B58-4	10 ft.	<5.0	<20	850	-	<5	<20	-	<1	<5	-	<5	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B58-5	12.5 ft.	<5.0	<20	740	-	<5	<20	-	<1	8.4	-	14	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B59-2	5 ft.	<5.0	<20	6,500	-	<5	<20	-	<1	7.9	-	15	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B60-2	5 ft.	<5.0	<20	<50	-	<5	<20	-	<1	<5	-	<5	<0.5	-	<50	<20	-	-	-	0.02	<0.05
K B61-2	5 ft.	<5.0	<20	<50	-	<5	<20	-	<1	6.7	-	<5	<0.5	-	<50	<20	-	-	-	0.2	<0.05
K B62-2	5 ft.	<5.0	<20	<50	-	<5	<20	-	<1	<5	-	8	<0.5	-	<50	<20	-	-	-	0.1	<0.05
K B63-6	15 ft.	<5.0	<20	6,200	-	<5	<20	-	<1	<5	-	<5	<0.5	-	<50	<20	-	-	-	<0.02	0.06
K B64-4	8.5 ft.	<5.0	<20	1,400	-	<5	<20	-	<1	5.3	-	12	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B64-6	15 ft.	<5.0	<20	170	-	<5	<20	-	<1	5.9	-	15	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B65-7	15 ft.	<5.0	<20	<50	-	<5	<20	-	<1	6.5	-	12	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B67-6	15 ft.	<5.0	<20	6,600	-	<5	<20	-	<1	<5	-	<5	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B68-2	5 ft.	<5.0	<20	<50	-	<5	<20	-	<1	<5	-	13	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B69-4	11.5 ft.	<5.0	<20	940	-	<5	<20	-	<1	<5	-	26	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B69-9	22.5 ft.	<5.0	<20	<50	-	15	<20	-	<1	<5	-	60	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B70-2	5 ft.	<5.0	<20	<50	-	<5	<20	-	<1	5.5	-	<5	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B70-9	22.5 ft.	<5.0	<20	<50	-	<5	<20	-	<1	<5	-	8	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B75-1	1 ft.	<5.0	<20	<50	-	<5	<20	-	<1	<5	-	8.7	<0.5	-	<50	<20	-	-	-	<0.02	<0.05
K B80-4	10 ft.	-	<20	54	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	-
K B80-7	17.5 ft.	-	<20	<50	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-
K B81-5	12.5 ft.	-	410	3,700	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-
K Drain	-	-	420	1,700	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-
K B85-2	5 ft.	-	<20	<50	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	-
MTCA Method A Cleanup Levels (MTCA Method B Cleanup Levels)		30 ¹	2,000	2,000	Not Established (32)	20	Not Established (16,000)	Not Established (160)	2	19 ²	Not Established (3,000)	250	2	Not Established	Not Established (400)	Not Established (400)	Not Established	Not Established (24,000)	Varies	0.05	Not Established

ND, Not detected above laboratory Practical Quantitation Limits (PQLs)

--, Not analyzed for compound and/or suite of compounds

¹ Gasoline range cleanup level is 100 mg/kg when benzene is not present

² Cleanup level for chromium (III) is 2,000 mg/kg, cleanup level for hexavalent chromium is listed above mg/kg, milli-grams per kilogram

Bolded concentrations indicate those compounds exceeding cleanup levels

Table 2: Summarized Analytical Results (Groundwater) from Previous Reports

Sample No.	Total Petroleum Hydrocarbons (ug/L)			Acetone (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Cadmium (ug/L)	Total Chromium (ug/L)	Lead (ug/L)	Mercury (ug/L)	Selenium (ug/L)	Silver (ug/L)	PCE (ug/L)
	Gasoline-Range	Diesel-Range	Motor Oil-Range										
K B59	<0.1	<0.2	<0.5	34	-	-	-	-	-	-	-	-	-
K B63	-	-	-	-	17.9	132	<2.5	3.59	<2.5	<0.2	3.65	<2.5	-
K B65	-	-	-	-	<2.5	22	<2.5	<2.5	<2.5	<0.2	<2.5	<2.5	-
K MW-66	-	-	-	-	<2.5	109	<2.5	<2.5	<2.5	<0.2	2.59	<2.5	-
K MW-68	-	-	-	-	2.67	155	<2.5	5.05	<2.5	<0.2	<2.5	<2.5	-
K MW-69	-	-	-	-	4.11	214	<2.5	<2.5	<2.5	<0.2	<2.5	<2.5	-
K MW-70	-	-	-	-	9.47	151	<2.5	<2.5	<2.5	<0.2	<2.5	<2.5	-
K MW-78	-	<0.2	<0.5	-	14.6	-	-	-	-	-	-	-	<1.0
MTCA Method A Cleanup Levels (MTCA Method B Cleanup Levels)	800 ¹	500	500	Not Established (800)	5	Not Established (3,200)	5	50	15	2	Not Established (80)	Not Established (80)	5

ND, Not detected above laboratory Practical Quantitation Limits (PQLs)

--, Not analyzed for compound and/or suite of compounds

¹ Gasoline range cleanup level is 1,000 ug/L when benzene is not present ug/L, micro-grams per liter

Bolded concentrations indicate those compounds exceeding cleanup level

APPENDIX B

Description of Terms and Acronyms

Description of Selected General Terms and Acronyms

<i>Term/Acronym</i>	<i>Description</i>
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Above Ground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally exempt small quantity generators.
CFR	Code of Federal Regulations
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment

Description of Terms and Acronyms (cont.)

FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clear Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
ILP	Innocent Landowner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/l	Pico Curies per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.

Description of Terms and Acronyms (cont.)

Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in Pico Curies per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 5.0 of this report.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions" are defined by ASTM E1527-05 as "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 release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions of compliance with laws. The term is not intended to include <i>de minimis</i> 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."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generators.
SWF	Solid Waste Facility List. A Vista Information Solutions, Inc. database of solid waste facilities listed by state.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service

Description of Terms and Acronyms (cont.)

UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-05, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>

APPENDIX C

Historical Documentation

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfields Revitalization Act of 2001, the User must respond to the following questions. Failure to provide this information to the Environmental Professional may result in significant data gaps, which may limit our ability to identify recognized environmental conditions resulting in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the User has an obligation to answer all questions in good faith, to the extent of their actual knowledge.

Site Name: FIRECREST Site Address: MILWAUKEE ST., FIRECREST, WA

1) Are you aware of any environmental cleanup liens against the site that are filed or recorded under federal, tribal, state or local law (40 CFR 312.25)? No Yes If yes, please explain.

2) Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law (40 CFR 312.26)? No Yes If yes, please explain.

3) As the user of this ESA, do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)? No Yes If yes, please explain.

4) Does the purchase price being paid for this site reasonably reflect the fair market value of the site (40 CFR 312.29)? No Yes

If no, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site (40 CFR 312.29)? No Yes If yes, please explain.

5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? No Yes If yes, please explain.

ESA FROM SELLER FOR PREVIOUS BUYER

6.) As the user of this ESA, based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of contamination at the site (40 CFR 312.31)? No Yes If yes, please explain.

ESA & LIMITED SCOPE PHASE II FROM SELLER FOR PREVIOUS BUYER.

Request for Information and Documentation

In addition to the specific questions outlined above, the User is requested to provide the following information and documentation, as available. ASTM requires that this information, if available, be provided to the Environmental Professional prior to the site visit.

Item Supplied "X"	Not Applicable, Not Available or Not Known "X"	Item Requested (See Proposal)	Contacts/Comments or Indicate Attachment
✓		Point of Contact for Access	Name/Phone: VIA EMAIL
✓		Current Site Owner	Name/Phone: II
	✓	Current Facility Operator	Name/Phone: _____
	✓	Contacts for Prior Owners	Name/Phone: _____
	✓	Contacts for Prior Occupants	Name/Phone: _____
✓		Access Restrictions	VIA EMAIL
	✓	Notification of Special Requirements Regarding Confidentiality	_____
✓		Legal Description and Diagram / Survey of Site	VIA CD-ROM
✓		Chain of Title with Grantor/Grantee Summary back to 1940 or first developed use	VIA EMAIL
✓		Reasons for conducting ESA	VIA EMAIL

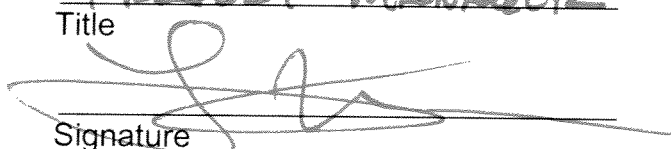
Helpful Documents Checklist

Pursuant to ASTM E 1527-05 § 10.8, do you know whether any of the following documents exist related to the subject property and, if so, whether copies can and will be provided to the environmental professional? Check all that apply.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Environmental site assessment reports CD-ROM | <input type="checkbox"/> Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property |
| <input type="checkbox"/> Environmental compliance audit reports | <input type="checkbox"/> Registrations for underground injection systems |
| <input checked="" type="checkbox"/> Geotechnical studies CD-ROM | <input type="checkbox"/> Environmental permits/plans, solid waste permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits, SPCC plans |
| <input type="checkbox"/> Reports regarding hydrogeologic conditions on the property or surrounding area | |
| <input type="checkbox"/> Registrations for above or underground storage tanks | |

TY MORRISON
Name (Authorized Client Representative)

PROJECT MANAGER
Title


Signature

5.5.08
Date

Certified Sanborn® Map Report



Sanborn® Library search results
Certification # 854A-4014-AD68

**Proposed Fircrest WinCo
2119 Mildred Street West
Fircrest, WA 98466**

Inquiry Number 2210824.2

May 05, 2008



The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Certified Sanborn® Map Report

5/05/08

Site Name:

Proposed Fircrest WinCo
2119 Mildred Street West
Fircrest, WA 98466

Client Name:

ZZA Terracon
18905 33rd Ave. West
Lynnwood, WA 98036

EDR Inquiry # 2210824.2

Contact: Alex DeOme



EDR® Environmental
Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ZZA Terracon 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 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: Proposed Fircrest WinCo
Address: 2119 Mildred Street West
City, State, Zip: Fircrest, WA 98466
Cross Street:
P.O. # NA
Project: NA
Certification # 854A-4014-AD68



Sanborn® Library search results
Certification # 854A-4014-AD68

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.

Total Maps: 0

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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Pierce County Assessor-Treasurer
 electronic Property
 Information Profile (e-PIP)



Pierce County Home Assessor-Treasurer Home Parcel Search Sales Search Recorded Documents Permits

Ken Madsen
 Assessor-Treasurer

Summary Taxes/Values Land Buildings Sales Map

Land Characteristics for 0220112005

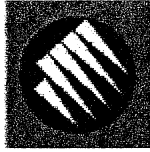
05/02/2008 10:54 AM

Taxpayer Details Taxpayer Name: FREEMAN ROBERT & ETHEL LLC Mailing Address: C/O JANET E FREEMAN-DAILY 3512 SW 310TH CT FEDERAL WAY WA 98023-2199		Property Details Parcel Number: 0220112005 Site Address: 2119 MILDRED ST Account Type: Real Property Category: Land and Improvements Use Code: 3500-SCI INSTR PHOTO OPTICAL WATCH MFG	
Location: LEA: 406 RTSQQ: 02-20-11-2-2		Size SF: 413,384 Acres: 9.49 Front Ft: 660	
Amenities WF Type: View Quality: Street Type: Paved		Utilities Electric: Power Installed Sewer: Sewer/Septic Installed Water: Water Installed	

Warning: Appraisal data provided is for informational purposes only and is incomplete for determination of value.

I acknowledge and agree to the prohibitions listed in RCW 42.17.260(9) against releasing and/or using lists of individuals for commercial purposes. Neither Pierce County nor the Assessor-Treasurer warrants the accuracy, reliability or timeliness of any information in this system, and shall not be held liable for losses caused by using this information. Portions of this information may not be current or accurate. Any person or entity who relies on any information obtained from this system, does so at their own risk. **All critical information should be independently verified.**

Pierce County Assessor-Treasurer
 Ken Madsen
 2401 South 35th St Room 142
 Tacoma, Washington 98409



Pierce County Assessor-Treasurer
 electronic Property
 Information Profile (e-PIP)



Ken Madsen
 Assessor-Treasurer

Pierce County Home Assessor-Treasurer Home Parcel Search Sales Search Recorded Documents Permits
 Summary Taxes/Values Land Buildings Sales Map

Building Characteristics for 0220112005

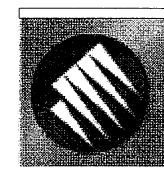
05/02/2008 11:09 AM

Taxpayer Details Taxpayer Name: FREEMAN ROBERT & ETHEL LLC Mailing Address: C/O JANET E FREEMAN-DAILY 3512 SW 310TH CT FEDERAL WAY WA 98023-2199		Property Details Parcel Number: 0220112005 Site Address: 2119 MILDRED ST Account Type: Real Property Category: Land and Improvements Use Code: 3500-SCI INSTR PHOTO OPTICAL WATCH MFG	
Construction Built-As: Indust Lght Manufacturing Condition: Average Quality: Low Exterior: Wood Frame Class: Wood Frame Roof: Space Heater HVAC: 1968 Year Built: 1968 Adj Year Built: 1968		Size Stories: 1 SF: 24,565 Fin Attic SF: Total Bsmnt SF: Fin Bsmnt SF: Garage SF: Det Garage SF: Bsmnt Gar Door:	
		Other Property Type: Industrial Neighborhood: 101 Occupancy: Light Industrial Bedrooms: Bathrooms: Fireplaces: Net SF: 24,565 Sprinkler SF: Units:	

Warning: Appraisal data provided is for informational purposes only and is incomplete for determination of value.

I acknowledge and agree to the prohibitions listed in RCW 42.17.260(9) against releasing and/or using lists of individuals for commercial purposes. Neither Pierce County nor the Assessor-Treasurer warrants the accuracy, reliability or timeliness of any information in this system, and shall not be held liable for losses caused by using this information. Portions of this information may not be current or accurate. Any person or entity who relies on any information obtained from this system, does so at their own risk. **All critical information should be independently verified.**

Pierce County Assessor-Treasurer



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Application/Permit Status

Application/Permit: 146734 **App. Date:** 01/22/1993 **Tax Parcel No:** 0220112005
Type: Fire Inspection **Status:** Final **Community Area:** Incorporated City
Site Address: 2119 MILDRED ST W **Expiration Date:** **Phase:**

Legal Parcel Description: Section 11 Township 20 Range 02 Quarter 22 : SW OF NW OF NW
SUBJ TO CY OF TAC EASE LESS R/W FOR RD

Applicant: ROBERT M FREEMAN **Owner:** ROBERT FREEMAN M
Address: 2119 MILDRED ST W **Address:** 2119 W MILDRED ST
TACOMA, WA 98466 TACOMA, WA 98466

Work Description: OPERATE INSTRUMENT STORE

Inspection Holds		Inspection(s)	
Name	Phone #	Hold Date	Hold Status
No Inspection holds at this time.			
Name	Phone #	Activity Date	Status
Louwauna Zilke		09/06/1995	Final
Comment: ANNEXED BY U.P.			

Mike Vanderpoel 02/02/1993 Annual inspections, 2 Approved

Dan Hertlein 11/12/1992 Annual inspections, 1 Incomplete

Comment: 1. HYDRANT AT SE CORNER OF BLDGS MUST BE RAISED OR EXCAVATED TO EXPOSE FLANGE AT BOTTOM OF HYDRANT TO ALLOW PORT CAPS TO BE REMOVED EASILY BY HYDRANT WRENCH 2. EXIT DOORS FROM MANUF PLANT MUST BE MAINTAINED OPENABLE FROM THE INSIDE WITHOUT USE OF SPECIAL KNOWLEDGE OR A KEY. IF DEADBOLTS ARE USED THEY MUST COMPLY BY HAVING A THUMB TURN OR INDICATOR SH OWING THAT DOOR IS LOCKED OR UNLOCKED 3. OBTAIN AN ART 4 PER FOR USE OF COMBUSTIBLE LIQ & SPRAY FINISHING--COMBUSTIBLE GREATER THAN OR EQUAL TO 100 DEGREES F FLASH PT & BELOW 200

DEGREES

Review

Name
vickie Rein

Phone #

Activity Date
01/22/1993

Type

Counter/Office Comment

Status
Approved

Comment:

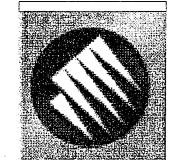
Email your comments and suggestions to [webmaster](#).

Pierce County Planning and Land Services

2401 South 35th Street
Tacoma, Washington 98409
(253)798-3739

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Application/Permit Status

Application/Permit: 136411
Type: Plumbing
Site Address: 2122 MILDRED AVE W

Tax Parcel No: 0220112005
Community Area: Incorporated City
Phase:

App. Date: 08/21/1992
Status: Cancelled
Expiration Date:

Legal Parcel Description: Section 11 Township 20 Range 02 Quarter 22 : SW OF NW OF NW
SUBJ TO CY OF TAC EASE LESS R/W FOR RD

Applicant: NORTHWEST WTR HTR INC/DAVIS WH
Address: 2800 THORNDYKE AVE W
SEATTLE, WA 98199

Owner: SPORTS PUB INC
Address: 2122 MILDRED AVE W
TACOMA, WA 98466

Work Description: INSTALL NEW GAS WATER HEATER

Inspection Holds

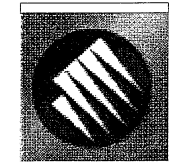
Name	Phone #	Hold Date	Type	Requirement Type	Hold Status
No Inspection holds at this time.					

Inspection(s)

Name	Phone #	Activity Date	Type	Status
Supervisor Building		02/18/1996	Comment	Cancelled
Comment: Cancelled by order of Building Official. Contact Building Inspection if cancelled in error.				

Review

Name	Phone #	Activity Date	Type	Status
No Review data available at this time.				



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Application/Permit Status

Application/Permit: 146736

Type: Conduct a Spraying or Dipping Opera

Site Address: 2119 MILDRED ST W

App. Date: 01/22/1993

Status: Final

Expiration Date:

Tax Parcel No: 0220112005

Community Area: Incorporated City

Phase:

Legal Parcel Description: Section 11 Township 20 Range 02 Quarter 22 : SW OF NW OF NW
SUBJ TO CY OF TAC EASE LESS R/W FOR RD

Applicant: ROBERT FREEMAN M

Address: 2119 MILDRED ST W
TACOMA, WA 98466

Work Description: SPRAY FINISHING OPERATION REQUIREMENTS: Compliance with
Uniform Fire Code, Article 45, DivII (SEE ATTACHED).

Owner: ROBERT FREEMAN M

Address: 2119 W MILDRED ST
TACOMA, WA 98466

Inspection Holds

Name	Phone #	Hold Date	Type	Requirement Type	Hold Status
No inspection holds at this time.					

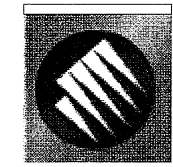
Inspection(s)

Name	Phone #	Activity Date	Type	Status
Louwauna Zilke		09/06/1995	Comment	Final
Comment: ANNEXED BY U.I.P.				

Dan Hertlein		11/12/1992	Annual inspections, 1	Approved
Comment:				

Review

Name	Phone #	Activity Date	Type	Status
Lynn McGuiire	(253)7987129	05/24/1993	Counter/Office Comment	Approved



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Application/Permit Status

Application/Permit: 146737

Type: Store, Handle or Use Flammable/Comb

Site Address: 2119 MILDRED ST W

App. Date: 01/22/1993

Status: Final

Expiration Date:

Tax Parcel No: 0220112005

Community Area: Incorporated City

Phase:

Legal Parcel Description: Section 11 Township 20 Range 02 Quarter 22 : SW OF NW OF NW
SUBJ TO CY OF TAC EASE LESS RW FOR RD

Applicant: ROBERT FREEMAN M

Address: 2119 MILDRED ST W
TACOMA, WA 98466

Owner: ROBERT FREEMAN M

Address: 2119 W MILDRED ST
TACOMA, WA 98466

Work Description: USE/HANDLE COMBUSTIBLE LIQUIDS REQUIREMENTS:
Compliance with all requirements of Uniform Fire Code, Article 4,
Section 4.108.f.3. B, is required where applicable (SEE ATTACHED).

Inspection Holds

Name Phone # Hold Date

No Inspection holds at this time.

Type

Requirement Type

Hold Status

Inspection(s)

Name Phone # Activity Date

Linda Daisey 03/24/1998

Type

Comment was made through reviews

Status

Comment

Comment: CHG TYPE FBCU(\$10.00) TO FBFU(\$00.00).

Louwauna Zilke

09/06/1995

Comment

Final

Comment: ANNEXED BY U.P.

Dan Hertlein

11/12/1992

Annual inspections, 1

Approved

Comment:

Review

Name Linda Daisey	Phone # (253)7987129	Activity Date 03/24/1998	Type Comment to inspections Comment: CHG TYPE FBCU(\$10.00) TO FBFU(\$00.00).	Status Comment
Lynn McGuire	(253)7987129	05/24/1993	Counter/Office Comment	Approved

Comment:

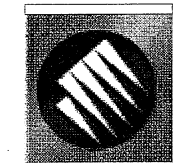
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Application/Permit Status

Application/Permit: 175103 **App. Date:** 02/22/1994 **Tax Parcel No:** 0220112005
Type: Flam/Comb Tank Removal **Status:** Final **Community Area:** Incorporated City
Site Address: 2119 MILDRED ST W **Expiration Date:** **Phase:**

Legal Parcel Description: Section 11 Township 20 Range 02 Quarter 22 : SW OF NW OF NW
 SUBJ TO CY OF TAC EASE LESS RW FOR RD

Applicant: DON GOLDEN CO INC **Owner:** ROBERT FREEMAN M
Address: 4704 S WASHINGTON **Address:** 2119 W MILDRED ST
 TACOMA, WA 98409 TACOMA, WA 98466

Work Description: REMOVE (1) 1000 GAL UG DIESEL STORAGE TANK & (1) 1000
 GAL UG SOLVENT STORAGE TANK * SEE ATTACHED
 REQUIREMENTS * Shall comply with attached FPB's requirements &
 Article 79 of 1991 Uniform Fire Code. cc: Pierce City FPD #3 Dept of
 Ecology Health Dept - M. Schreiner

Inspection Holds		Inspection(s)	
Name	Phone #	Hold Date	Hold Status
No Inspection holds at this time.			
Name	Phone #	Activity Date	Status
Dan Hertlein		03/04/1994	Final
Comment: Tank Removal: OK to remove 2 tanks, diesel & solvent. FBAP.			

Review	
Name	Status
Patricia Stice	Approved
Comment: Counter/Office Comment	

Permit No. 573506

TACOMA-PIERCE COUNTY HEALTH DEPARTMENT
300 South Tacoma Avenue - Tacoma 5, Wash.
FULTON 3-3111

Fee \$ 12.00 (initial)
By 147

APPLICATION TO CONSTRUCT OR REPAIR AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM
(Application Required for Each Installation)

Date 5/24/66 Property Owner Metal Marine Pilot Telephone SK 9-350

Mailing Address 2119 So Mildred Address of Site Same

Property Size 600 x 600 Residence No. Bedrooms Basement Commercial X

Water Supply Firecast Is any water supply or body of water within 30' of proposed sewerage system? FHA

Septic Tank Contractor Con Construction - The Wright Co

Applicant's Signature Wally W. Starby

APPROVED
MAY 26 1966

Do Not Write Below This Line

Soil Conditions: Sandy/loam
top soil

Size of Septic Tank

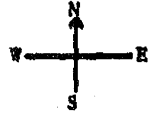
2,600 gal in series

Dimensions of Drainfield

Length:

Width:

Tacoma-Pierce Co. Health Dept.
Division of Sanitation



Remarks

5/24/66 talked to Dr. Freeman
5 tickets 3 units 2 bad drains
permit granted
6/14/66 approved
see attached

Elk...
closed...

DATE 6/10/66

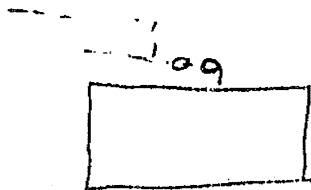
TACOMA-PIERCE COUNTY HEALTH DEPARTMENT

MEMORANDUM

SUBJECT: Metal Marine Pilot
TO: 2119 So Mildred St.
FROM: Ernest Quack

6/10/66

this permit should be some where
in the file. Merritt Nelson Const.



2-500 gal st. & 100' x 5' of R.F.
approved closed for

North ← So Mildred

Permit No. 52533
 Date Issued 10-31-72
 By _____
 Fee \$25.00 Check / mail

TACOMA-PIERCE COUNTY HEALTH DEPARTMENT
 930 Tacoma Avenue South
 Tacoma, Washington Phone: 393-4760

APPLICATION TO CONSTRUCT OR REPAIR AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM.
 THIS APPLICATION EXPIRES IN SIX MONTHS FROM DATE OF ISSUE UNLESS RENEWED IN WRITING.

		New Construction:	Repairs: <input checked="" type="checkbox"/>
Type of Bldg.?	Res. • Trlr. • Apt. • Comm., Etc.	Site Address	
No. of Bedrooms?	FHA VA	Property Owner	Phone
Basement?	Daylight?	Mailing Address	
Garbage Grinder?		Lot Size	Bldg. Permit Applied For? YES NO
Water Supply	Private • Public System	Septic Tank Contractor	
Special Directions to find site		APPLICANT'S SIGNATURE	

Make scaled drawing on reverse side of sheet using scale preferably of 1" per 20' but not to exceed 1" per 30'. Indicate North as top of page. Following information not necessary on repairs or alterations unless requested. SHOW THE FOLLOWING INFORMATION:

1. Property lines, house on lot, garage, driveways, patios and other physical structures.
2. Location of wells *(including neighbors), water supply lines, bodies of water, drainage ditches, interception drains, underground utility lines.
 * Indicate distance of any wells within 100' of sewerage system if they are not shown on drawing.
3. Cuts, terraces or steep banks.
4. Indicate areas where soil removal is contemplated and to what depth. Indicate areas of fill and to what depth. (Prior approval of type of fill essential in sewage disposal area).
5. Dig two testholes to 4' depth in drainfield area. Describe soil to a 4' depth.
 Soil log #1 _____ Soil log #2 _____
6. Proposed layout of sewage disposal system showing location, septic tank size, drainfield length and distances between lines.
7. Elevation of lot corners and plumbing stub.
8. Percolation tests if required.

SANITARIAN'S COMMENTS

10-31-72 Final approval - E. Halverson - closed.



COMMITMENT FOR TITLE INSURANCE

Issued by

FIRST AMERICAN TITLE INSURANCE COMPANY

First American Title Insurance Company, herein called the Company, for valuable consideration, hereby commits to issue its policy or policies of title insurance, as identified in Schedule A, in favor of the proposed Insured named in Schedule A, as owner or mortgagor of the estate or interest covered hereby in the land described or referred to in Schedule A, upon payment of the premiums and charges therefor; all subject to the provisions of Schedules A and B and to the Conditions and Stipulations hereof.

This Commitment shall be effective only when the identity of the proposed Insured and the amount of the policy or policies committed for have been inserted in Schedule A hereof by the Company, either at the time of the issuance of the Commitment or by subsequent endorsement.

This Commitment if preliminary to the issuance of such policy or policies of title insurance and all liability and obligations hereunder shall cease and terminate six (6) months after the effective date hereof or when the policy or policies committed for shall issue, whichever first occurs, provided that the failure to issue such policy or policies is not the fault of the Company. This Commitment shall not be valid or binding until countersigned by an authorized officer or agent.

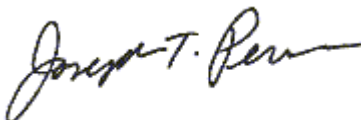
IN WITNESS WHEREOF, the Company has caused this commitment to be signed and sealed, to become valid when countersigned by an authorized officer or agent of the Company, all in accordance with its By-Laws. This Commitment is effective as of the date shown in Schedule A as "Effective Date."



First American Title Insurance Company

By:  President

Attest:  Secretary

By:  Countersigned



**First American Title Insurance Company
National Commercial Services**

200 SW Market Street, Suite 250, Portland, OR 97201
(503)795-7600 - FAX (503)795-7614

Steve Manome
(503)219-8742
smanome@firstam.com

To: **Winco Foods LLC**
650 North Armstrong Place
Boise, ID 83704-0825

File No.: **NCS-350375-OR1**
Your Ref No.: **Fircrest**

Attn: **Ty Morrison**

SCHEDULE A

- 1. Commitment Date: April 21, 2008 at 7:30 A.M.
- 2. Policy or Policies to be issued:

	AMOUNT		PREMIUM		TAX
Extended Owner's Coverage	\$ To Follow		\$ To Follow		\$ To Follow

Proposed Insured:
Winco Foods, LLC., a Delaware limited liability company

Extended Mortgagee's Coverage	\$ To Follow		\$ To Follow		\$ To Follow
-------------------------------	--------------	--	--------------	--	--------------

Proposed Insured:
To Follow

- 3. The estate or interest in the land described on Page 2 herein is **Fee Simple**, and title thereto is at the effective date hereof vested in:
Robert & Ethel Freeman Family LLC I a Washington limited liability company
- 4. The land referred to in this Commitment is described as follows:

The land referred to in this report is described in Exhibit "A" attached hereto.

EXHIBIT 'A'

LEGAL DESCRIPTION:

THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11,
TOWNSHIP 20 NORTH, RANGE 2 EAST OF THE WILLAMETTE MERIDIAN, IN COUNTY OF PIERCE, WASHINGTON;

EXCEPT FOR EASEMENTS OF RECORD AND RIGHT OF WAY FOR ROAD.

SCHEDULE B - SECTION 1
REQUIREMENTS

The following are the Requirements to be complied with:

- Item (A) Payment to or for the account of the Grantors or Mortgagors of the full consideration for the estate or interest to be insured.
- Item (B) Proper instrument(s) creating the estate or interest to be insured must be executed and duly filed for record.
- Item (C) Pay us the premiums, fees and charges for the policy.
- Item (D) You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions

SCHEDULE B - SECTION 2
GENERAL EXCEPTIONS

The Policy or Policies to be issued will contain Exceptions to the following unless the same are disposed of to the satisfaction of the Company.

- A. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
- B. Any facts, rights, interest, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of person in possession thereof.
- C. Easements, claims of easement or encumbrances which are not shown by the public records.
- D. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
- E. (1) Unpatented mining claims; (2) reservations or exceptions in patents or in acts authorizing the issuance thereof; (3) Water rights, claims or title to water; whether or not the matters excepted under (1), (2) or (3) are shown by the public records; (4) Indian Tribal Codes or Regulations, Indian Treaty or Aboriginal Rights, including easements or equitable servitudes.
- F. Any lien, or right to a lien, for services, labor, materials or medical assistance theretofore or hereafter furnished, imposed by law and not shown by the public records.
- G. Any service, installation, connection, maintenance, construction, tap or reimbursement charges/costs for sewer, water, garbage or electricity.
- H. Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the proposed insured acquires of record for value the estate or interest or mortgages thereon covered by this Commitment.

**SCHEDULE B - SECTION 2
(continued)
SPECIAL EXCEPTIONS**

1. Lien of the Real Estate Excise Sales Tax and Surcharge upon any sale of said premises, if unpaid. As of the date herein, the excise tax rate for the **City of Fircrest** is at **1.78%**.
Levy/Area Code: 070

For all transactions recorded on or after July 1, 2005:

- **A fee of \$10.00 will be charged on all exempt transactions;**
- **A fee of \$5.00 will be charged on all taxable transactions in addition to the excise tax due.**

2. General Taxes for the year 2008.

Tax Account No.:	022011-200-5
Amount Billed:	\$ 32,648.19
Amount Paid:	\$ 0.00
Amount Due:	\$ 32,648.19
Assessed Land Value:	\$ 3,001,600.00
Assessed Improvement Value:	\$ 184,400.00

3. City liens, if any, for the City of Fircrest.

Note: An inquiry has NOT been made concerning the actual status of such liens.

4. Easement, including terms and provisions contained therein:

Recording Information:	March 2, 1959 under Recording No. 1846129
In Favor of:	City of Tacoma
For:	Install poles and one anchor, with equipment on and string distribution service and guy
Affects:	as described therein

5. Easement, including terms and provisions contained therein:

Recording Information:	July 11, 1966 under Recording No. 2153352
In Favor of:	City of Tacoma, its successors and assigns
For:	Install a power line with all necessary equipment and wires
Affects:	as described therein

6. Easement, including terms and provisions contained therein:

Recording Information:	July 24, 1972 under Recording No. 2456277
In Favor of:	City of Tacoma, its successors and assigns
For:	Install poles, anchors, equipment, distribution, service and guy
Affects:	as described therein

7. Easement, including terms and provisions contained therein:
Recording Information: June 13, 1996 under Recording No. 9606130052
In Favor of: City of Fircrest, a municipal corporation, its successors and assigns
For: Electrical, water, sewer, telephone, TV cable, gas or other underground utilities
Affects: as described therein

A document recorded November 20, 2001 as Recording No. 200111200306 of Official Records provides that the interest of the easement holder was transferred to City of Tacoma on behalf of its Department of Public Utilities, Light Division (d.b.a. Tacoma Power).

8. Conditions, notes, easements, provisions contained and/or delineated on the face of the Survey recorded February 3, 2000 under Recording No. 200002035004 , in Pierce County, Washington.

9. Deed of Trust and the terms and conditions thereof.
Grantor/Trustor: Robert & Ethel Freeman Family LLC I
Grantee/Beneficiary: The Estate of Eleanor J. Conti
Trustee: Commonwealth Title Insurance Company, a corporation
Amount: \$331,425.00
Recorded: January 20, 2004
Recording Information: 200401200466

10. Deed of Trust and the terms and conditions thereof.
Grantor/Trustor: Robert and Ethel Freeman Family LLC I
Grantee/Beneficiary: Janet Freeman-Daily
Trustee: Davis Roberts & Johns, PLLC, a Washington professional limited liability company
Amount: \$114,000.00
Recorded: August 11, 2005
Recording Information: 200508110641

11. Evidence of the authority of the individual(s) to execute the forthcoming document for Robert & Ethel Freeman Family LLC I, a Washington limited liability company, copies of the current operating agreement should be submitted prior to closing.

12. Evidence of the authority of the individual(s) to execute the forthcoming document for Winco Foods, LLC, a Delaware limited liability company, copies of the current operating agreement should be submitted prior to closing.

13. Matters of extended owner/purchaser coverage which are dependent upon an inspection and an ALTA survey of the property for determination of insurability.

Please submit a copy of the ALTA Survey at your earliest convenience for review. Our inspection will be held pending our review of the ALTA Survey and the result of said inspection will be furnished by supplemental report.

14. Unrecorded leaseholds, if any, rights of vendors and security agreement on personal property and rights of tenants, and secured parties to remove trade fixtures at the expiration of the term.

INFORMATIONAL NOTES

- A. Effective January 1, 1997, and pursuant to amendment of Washington State Statutes relating to standardization of recorded documents, the following format and content requirements must be met. Failure to comply may result in rejection of the document by the recorder.
- B. Any sketch attached hereto is done so as a courtesy only and is not part of any title commitment or policy. It is furnished solely for the purpose of assisting in locating the premises and First American expressly disclaims any liability which may result from reliance made upon it.
- C. The description can be abbreviated as suggested below if necessary to meet standardization requirements. The full text of the description must appear in the document(s) to be insured.

Ptn Sec 11 Twp 20 Rge 2E NW Qtr

APN: 022011-200-5
- D. According to the application for title insurance, title is to vest in Winco Foods, LLC, a Delaware limited liability company.

Examination of the records discloses no matters pending against said party(ies).
- E. A fee will be charged upon the cancellation of this Commitment pursuant to the Washington State Insurance Code and the filed Rate Schedule of the Company.

END OF SCHEDULE B



First American Title Insurance Company
National Commercial Services

COMMITMENT
Conditions and Stipulations

1. The term "mortgage" when used herein shall include deed of trust, trust deed, or other security instrument.
2. If the proposed Insured has or acquires actual knowledge of a defect, lien, encumbrance, adverse claim or other matter affecting the estate or interest or mortgage thereon covered by this Commitment, other than those shown in Schedule B hereof, and shall fail to disclose such knowledge to the Company in writing, the Company shall be relieved from liability for any loss or damage resulting from any act or reliance hereon to the extent the Company is prejudiced by failure to so disclose such knowledge. If the proposed Insured shall disclose such knowledge to the Company, or if the Company otherwise acquires actual knowledge of any such defect, lien, encumbrance, adverse claim or other matter, the Company at its option, may amend Schedule B of this Commitment accordingly, but such amendment shall not relieve the Company from liability previously incurred pursuant to paragraph 3 of these Conditions and Stipulations.
3. Liability of the Company under this Commitment shall be only to the named proposed Insured and such parties included under the definition of Insured in the form of Policy or Policies committed for, and only for actual loss incurred in reliance hereon in undertaking in good faith (a) to comply with the requirements hereof, or (b) to eliminate exceptions shown in Schedule B, or (c) to acquire or create the estate or interest or mortgage thereon covered by this Commitment. In no event shall such liability exceed the amount stated in Schedule A for the Policy or Policies committed for and such liability is subject to the Insuring provisions, exclusion from coverage, and the Conditions and Stipulations of the form of Policy or Policies committed for in favor of the proposed Insured which are hereby incorporated by references, and are made a part of this Commitment except as expressly modified herein.
4. Any claim of loss or damage, whether or not based on negligence, and which arises out of the status of the title to the estate or interest or the lien of the Insured mortgage covered hereby or any action asserting such claim, shall be restricted to the provisions and Conditions and Stipulations of this Commitment.

The First American Corporation
First American Title Insurance Company
National Commercial Services
PRIVACY POLICY

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values, a copy of which can be found on our website at www.firstam.com.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

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APPENDIX D

Environmental Database Information



EDR® Environmental
Data Resources Inc

The EDR Radius Map™ Report

**Proposed Fircrest WinCo
2119 Mildred Street West
Fircrest, WA 98466**

Inquiry Number: 2210824.1s

May 05, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	72
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

2119 MILDRED STREET WEST
FIRCREST, WA 98466

COORDINATES

Latitude (North): 47.240030 - 47° 14' 24.1"
Longitude (West): 122.525410 - 122° 31' 31.5"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 535920.1
UTM Y (Meters): 5231729.0
Elevation: 326 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 47122-B5 STEILACOOM, WA
Most Recent Revision: 1994

North Map: 47122-C5 GIG HARBOR, WA
Most Recent Revision: 1994

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
METAL MARINE PILOT INC 2119 MILDRED ST W FIRCREST, WA 98466	FINDS UST CSCSL NFA VCP RCRA-NonGen	WAD009242173

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:

FEDERAL RECORDS

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
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
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSL	Hazardous Sites List
SWTIRE	Solid Waste Tire Facilities
AST	Aboveground Storage Tank Locations
SPILLS	Reported Spills
DRYCLEANERS	Drycleaner List
BROWNFIELDS	Brownfields Sites Listing
CDL	Clandestine Drug Lab Contaminated Site List
NPDES	Water Quality Permit System Data
AIRS	Washington Emissions Data System
HIST CDL	List of Sites Contaminated by Clandestine Drug Labs

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands

EXECUTIVE SUMMARY

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

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.

FEDERAL RECORDS

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/06/2008 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>TACOMA DRAPERY TOWNE CLEANER</i>	<i>1921 W MILDRED</i>	<i>0 - 1/8 N</i>	<i>D9</i>	<i>25</i>
<i>AUTO TECH 2213 70TH</i>	<i>2213 70TH AVE W 21</i>	<i>1/8 - 1/4 W</i>	<i>14</i>	<i>42</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>TACOMA COMMUNITY COLLEGE</i>	<i>6501 S 19TH ST</i>	<i>1/8 - 1/4 NE</i>	<i>15</i>	<i>44</i>
<i>FIRCREST VILLAGE CLEANERS</i>	<i>1105A REGENTS BLVD</i>	<i>1/8 - 1/4 E</i>	<i>E17</i>	<i>51</i>

STATE AND LOCAL RECORDS

SHWS: The State Hazardous Waste Sites 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. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the SHWS list, as provided by EDR, and dated 02/12/2008 has revealed that there are 4

EXECUTIVE SUMMARY

SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TACOMA DRAPERY TOWNE CLEANER	1921 W MILDRED	0 - 1/8 N	D9	25
ARCO 4335	2623 BRIDGEPORT WAY W	1/2 - 1 WSW	23	64
HIDDEN HILLS APARTMENTS	3313 72ND AVE CT W	1/2 - 1 SSW	24	70
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FIRCREST VILLAGE CLEANERS	1105A REGENTS BLVD	1/8 - 1/4E	E17	51

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 03/17/2008 has revealed that there are 2 CSCSL NFA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUGET CORP OF WASHINGTON	2101 MILDRED ST W	0 - 1/8 NNW	C6	15
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BP EXPLORATION OIL INC 03116	1033 REGENTS BLVD	1/4 - 1/2E	F18	56

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the SWF/LF list, as provided by EDR, and dated 01/09/2008 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNIVERSITY PLACE REFUSE AND RE	2815 ROCHESTER W.	1/4 - 1/2SW	G22	63

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 03/11/2008 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JIFFY LUBE STORE 2076	2218 MILDRED ST W	0 - 1/8	A3	10
TOWNE CLEANERS	1923 MILDRED WEST	0 - 1/8 N	D8	24
WESTMARK CONSTRUCTION	7010 W 27TH ST	1/4 - 1/2SW	20	57
UNIVERSITY PLACE REFUSE SVC	2815 ROCHESTER ST W	1/4 - 1/2SW	G21	61
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TOSCO 1107730143	6622 19TH ST W	1/8 - 1/4N	D13	32

EXECUTIVE SUMMARY

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 03/20/2008 has revealed that there are 6 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JIFFY LUBE STORE 2076	2218 MILDRED ST W	0 - 1/8	A3	10
LELAND M MCARTHUR	2305 MILDRED ST W	0 - 1/8 S	B4	13
PACE INDUSTRIES PUGET DIV INC	2011 & 2101 MILDRED ST	0 - 1/8 NNW	C5	14
TACOMA DRAPERY TOWNE CLEANER	1921 W MILDRED	0 - 1/8 N	D9	25
FIRCREST GOLF CLUB	6520 REGENTS BLVD	1/8 - 1/4S	11	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TOSCO 1107730143	6622 19TH ST W	1/8 - 1/4N	D13	32

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2006 has revealed that there are 2 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TOSCO 1107730143	6622 19TH ST W	1/8 - 1/4N	D13	32
TACOMA COMMUNITY COLLEGE	6501 S 19TH ST	1/8 - 1/4NE	15	44

INST CONTROL: Sites that have institutional controls.

A review of the INST CONTROL list, as provided by EDR, and dated 03/18/2008 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUGET CORP OF WASHINGTON	2101 MILDRED ST W	0 - 1/8 NNW	C6	15

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 5 ICR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Q LUBE	2218 MILDRED	0 - 1/8	A2	10
WESTMARK CONSTRUCTION	7010 W 27TH ST	1/4 - 1/2SW	20	57
UNIVERSITY PLACE REFUSE SVC	2815 ROCHESTER ST W	1/4 - 1/2SW	G21	61
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BP #11077	6622 S. 19TH ST.	1/8 - 1/4N	D12	32
EXXON #7 7017	1033 REGENTS BLVD.	1/4 - 1/2E	F19	56

EXECUTIVE SUMMARY

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 03/17/2008 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>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PUGET CORP OF WASHINGTON</i>	<i>2101 MILDRED ST W</i>	<i>0 - 1/8 NNW C6</i>		<i>15</i>

Inactive Drycleaners: A listing of inactive drycleaner facility locations.

A review of the Inactive Drycleaners list, as provided by EDR, and dated 12/31/2006 has revealed that there are 2 Inactive Drycleaners sites within approximately 0.25 miles of the target property.

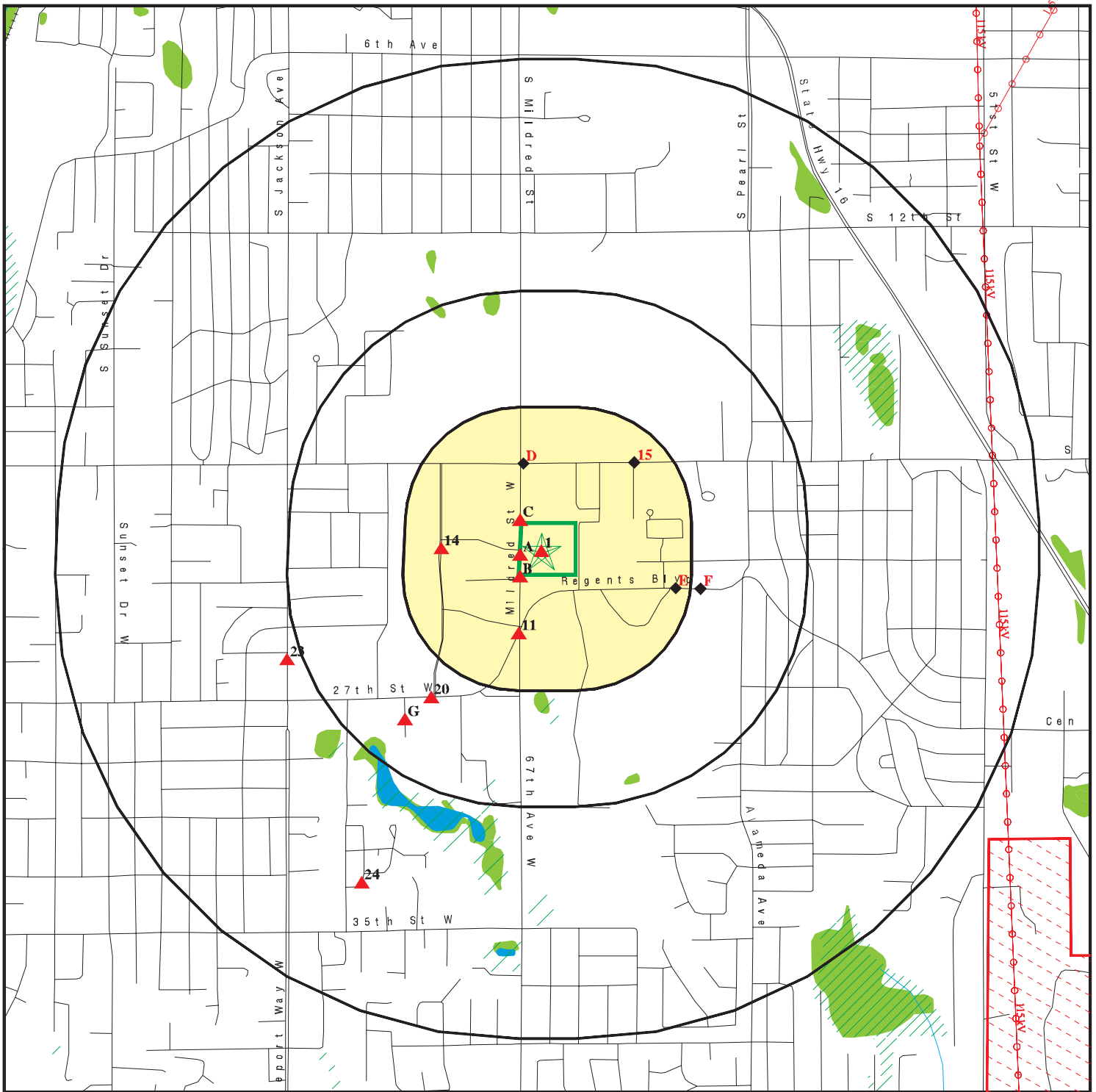
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>Y PAY MOR CLEANERS TACOMA</i>	<i>2310 MILDRED ST W</i>	<i>0 - 1/8 S</i>	<i>B7</i>	<i>21</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FIRCREST VILLAGE CLEANERS</i>	<i>1105A REGENTS BLVD</i>	<i>1/8 - 1/4E</i>	<i>E17</i>	<i>51</i>













EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
PURDY COMPOST FACILITY	SWF/LF
FIFE SAND & GRAVEL PCS	SWF/LF
MCCHORD INERT WASTE LANDFILL	SWF/LF
FIRCREST GREENS	NPDES
SOUND BUILT HMS COMMONS AT FIRCREST	NPDES

OVERVIEW MAP - 2210824.1s



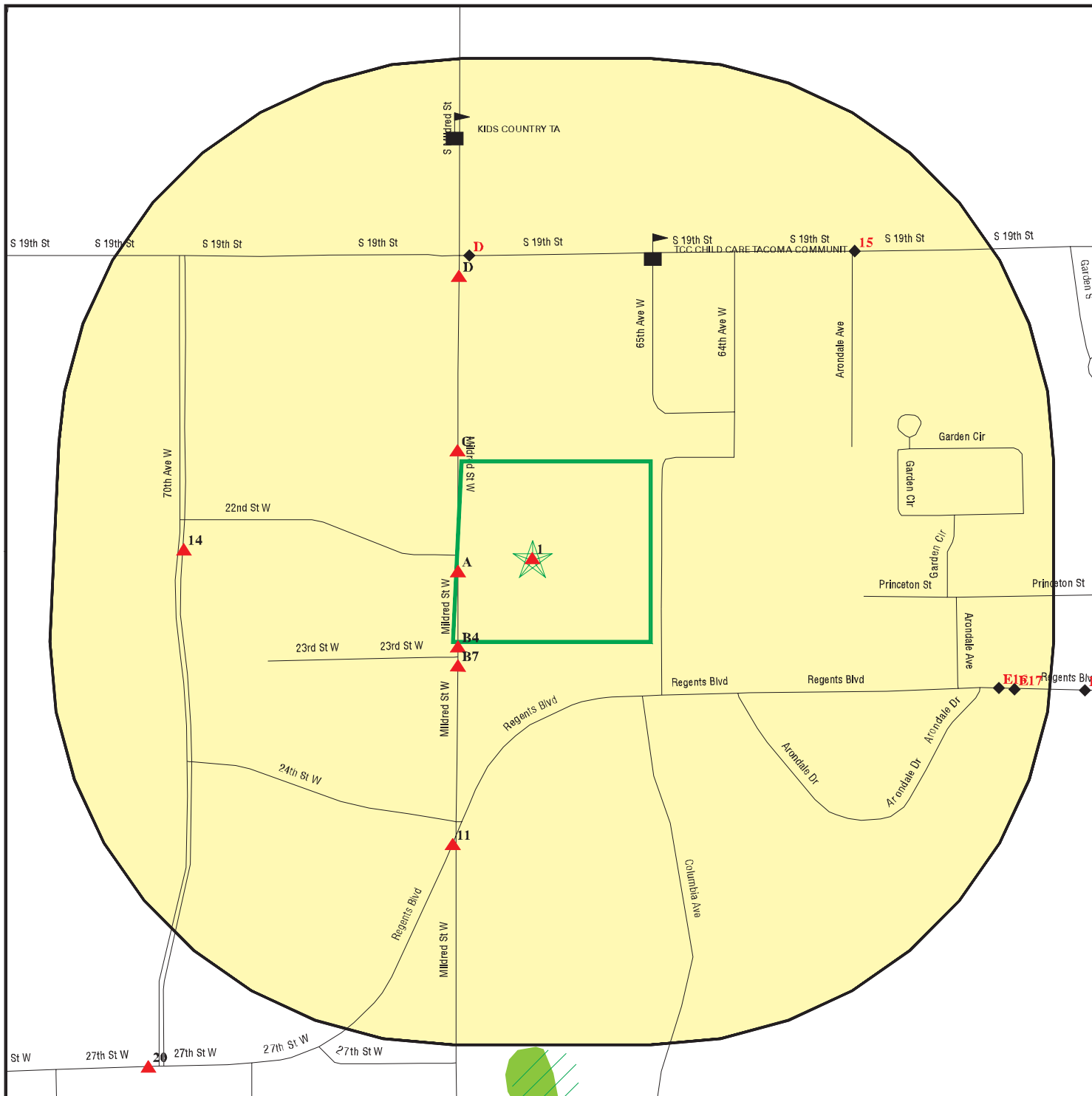
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory















SITE NAME: Proposed Fircrest WinCo
 ADDRESS: 2119 Mildred Street West
 Fircrest WA 98466
 LAT/LONG: 47.2400 / 122.5254

CLIENT: ZZA Terracon
 CONTACT: Alex DeOme
 INQUIRY #: 2210824.1s
 DATE: May 05, 2008 8:48 am

DETAIL MAP - 2210824.1s



-  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

<p>SITE NAME: Proposed Fircrest WinCo ADDRESS: 2119 Mildred Street West Fircrest WA 98466 LAT/LONG: 47.2400 / 122.5254</p>	<p>CLIENT: ZZA Terracon CONTACT: Alex DeOme INQUIRY #: 2210824.1s DATE: May 05, 2008 8:48 am</p>
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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
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	1	3	NR	NR	NR	4
RCRA-NonGen	X	TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	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
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		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	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
SHWS		1.000	1	1	0	2	NR	4
HSL		1.000	0	0	0	0	NR	0
CSCSL NFA	X	0.500	1	0	1	NR	NR	2
SWF/LF		0.500	0	0	1	NR	NR	1
SWTIRE		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
LUST		0.500	2	1	2	NR	NR	5
UST	X	0.250	4	2	NR	NR	NR	6
AST		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	0	2	NR	NR	NR	2
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	1	0	0	NR	NR	1
ICR		0.500	1	1	3	NR	NR	5
VCP	X	0.500	1	0	0	NR	NR	1
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.250	1	1	NR	NR	NR	2
HIST CDL		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1 **METAL MARINE PILOT INC**
Target **2119 MILDRED ST W**
Property **FIRCREST, WA 98466**

FINDS **1004793347**
UST **WAD009242173**
CSCSL NFA
VCP
RCRA-NonGen

Actual:
326 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

UST:

Facility ID:	84252573
Site ID:	5902
Lat Deg:	47
Lat Min:	14
Lat Sec:	26.73
Long Deg:	122
Long Min:	31
Long Sec:	33.81000000000002
UBI:	Not reported
Phone Number:	2065645902
Tank ID:	12450
Tank Name:	1
Install Date:	6/1/1974
Capacity:	111 TO 1,100 Gallons
Tank Upgrade Date:	1/1/0001
TankSystem Status:	Removed
TankSystem Status Change Date:	8/26/1996
Tank Status:	Removed
Tank Permit Expiration Date:	1/1/0001
Tank Closure Date:	1/1/0001
Tank Pumping System:	Pressurized System
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Other
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Pipe Material:	Other
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL MARINE PILOT INC (Continued)

1004793347

Tank Primary Release Detection: Statistical Inventory Reconciliation
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

Tank ID: 12591
Tank Name: 3
Install Date: 12/31/1964
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Exempt
TankSystem Status Change Date: 8/26/1996
Tank Status: Exempt
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: Steel
Tank Construction: Single Wall Tank
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

Tank ID: 12623
Tank Name: 2
Install Date: 6/1/1974
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Other
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Not reported
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: None
Pipe Material: No Piping Attached to Tank
Pipe Construction: No Piping Attached to Tank
Pipe Primary Release Detection: Suction
Pipe Second Release Detection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL MARINE PILOT INC (Continued)

1004793347

Pipe Corrosion Protection: Other
Tank Primary Release Detection: Statistical Inventory Reconciliation
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

Tank ID: 12791
Tank Name: 4
Install Date: 12/31/1964
Capacity: 111 TO 1,100 Gallons
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: Double Wall Tank
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

CSCSL NFA:
Facility/Site Id: 84252573
NFA Type: NFA after assessment, IRAP, or VCP
NFA Date: 3/6/2001
Rank: Not reported
VCP: Y

VCP:
Facility ID: 84252573
VCP Status: Not reported
VCP: Y
Ecology Status: Not reported

RCRA-NonGen:
Date form received by agency: 06/20/2002
Facility name: METAL MARINE PILOT INC
Facility address: 2119 MILDRED ST W
FIRCREST, WA 98466
EPA ID: WAD009242173
Mailing address: 3512 SW 310TH CT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL MARINE PILOT INC (Continued)

1004793347

FEDERAL WAY, WA 98023
Contact: JANET FREEMAN-DAILY
Contact address: 3512 SW 310TH CT
FEDERAL WAY, WA 98023
Contact country: US
Contact telephone: (253)606-2173
Contact email: Not reported
EPA Region: 10
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 06/20/2002
Facility name: METAL MARINE PILOT INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/14/2001
Facility name: METAL MARINE PILOT INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/31/2000
Facility name: METAL MARINE PILOT INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/02/1999
Facility name: METAL MARINE PILOT INC
Classification: Not a generator, verified

Date form received by agency: 02/17/1998
Facility name: METAL MARINE PILOT INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/02/1997
Facility name: METAL MARINE PILOT INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/28/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL MARINE PILOT INC (Continued)

1004793347

Facility name: METAL MARINE PILOT INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/1995
Facility name: METAL MARINE PILOT INC
Classification: Not a generator, verified

Date form received by agency: 12/31/1993
Facility name: METAL MARINE PILOT INC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 03/12/2002
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/06/2000
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

A2
< 1/8
1 ft.

Q LUBE
2218 MILDRED
TACOMA, WA 98466

ICR S103508769
N/A

Site 1 of 2 in cluster A

Relative:
Higher

ICR:
Date Ecology Received Report: 05/04/1995
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: 93-50
County Code: 27.00000
Contact: Not reported
Report Title: Not reported

Actual:
336 ft.

A3
< 1/8
1 ft.

JIFFY LUBE STORE 2076
2218 MILDRED ST W
TACOMA, WA 98466

LUST U003355163
UST N/A

Site 2 of 2 in cluster A

Relative:
Higher

LUST:
FS ID: 75845594
Facility ID: 6792
Release ID: 5692
Alternate Name: MINIT-LUBE #1112
Release Notification Date: 04/04/95
Release Status Date: 04/04/95

Actual:
336 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY LUBE STORE 2076 (Continued)

U003355163

Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.23944000 / -122.52688000

FS ID: 75845594
Facility ID: 6792
Release ID: 5692
Alternate Name: MINIT-LUBE #1112
Release Notification Date: 04/04/95
Release Status Date: 05/04/95
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.23944000 / -122.52688000

UST:

Facility ID: 75845594
Site ID: 6792
Lat Deg: 47
Lat Min: 14
Lat Sec: 21
Long Deg: 122
Long Min: 31
Long Sec: 36
UBI: 6006109870010030
Phone Number: 2065658092

Tank ID: 32493
Tank Name: 2
Install Date: 6/1/1982
Capacity: 1,101 to 2,000 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Suction System Tank Check Valve
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Not reported
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: None
Pipe Material: Not reported
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Suction
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Tank Primary Release Detection: Statistical Inventory Reconciliation
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

JIFFY LUBE STORE 2076 (Continued)

U003355163

Tank ID: 32587
Tank Name: 1
Install Date: 6/1/1982
Capacity: 1,101 to 2,000 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Suction System Tank Check Valve
Tank Spill Prevention: None
Tank Overfill Prevention: 25 Gallons or less
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: None
Pipe Material: Steel
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Suction
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Tank Primary Release Detection: Statistical Inventory Reconciliation
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

Tank ID: 32614
Tank Name: 3
Install Date: 6/1/1982
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Suction System Tank Check Valve
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Not reported
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: None
Pipe Material: Not reported
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Suction
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Tank Primary Release Detection: Statistical Inventory Reconciliation
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

B4
South
< 1/8
0.003 mi.
15 ft.

LELAND M MCARTHUR
2305 MILDRED ST W
TACOMA, WA 98466
Site 1 of 2 in cluster B

UST **U003352666**
N/A

Relative:
Higher

UST:

Actual:
337 ft.

Facility ID: 61187916
Site ID: 101518
Lat Deg: 47
Lat Min: 14
Lat Sec: 20.25
Long Deg: 122
Long Min: 31
Long Sec: 37.25
UBI: Not reported
Phone Number: Not reported

Tank ID: 11033
Tank Name: 3-8000
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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

Tank ID: 28669
Tank Name: 1-8000
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Not reported
Tank Spill Prevention: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LELAND M MCARTHUR (Continued)

U003352666

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

Tank ID: 4976
Tank Name: 2-4000
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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

**C5
NNW
< 1/8
0.008 mi.
40 ft.**

**PACE INDUSTRIES PUGET DIV INC
2011 & 2101 MILDRED ST W
TACOMA, WA 98466
Site 1 of 2 in cluster C**

**UST U003354313
N/A**

**Relative:
Higher**

UST:
Facility ID: 86715242
Site ID: 3944
Lat Deg: 47
Lat Min: 14
Lat Sec: 27.199999999999999
Long Deg: 122

**Actual:
336 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACE INDUSTRIES PUGET DIV INC (Continued)

U003354313

Long Min: 31
 Long Sec: 33.810000000000002
 UBI: Not reported
 Phone Number: 2065643632

Tank ID: 9519
 Tank Name: 1
 Install Date: 12/31/1964
 Capacity: 111 TO 1,100 Gallons
 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: Steel
 Tank Construction: Not reported
 Tank Tightness Test: Not reported
 Tank Corrosion Protection: Not reported
 Pipe Material: Steel
 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

**C6
 NNW
 < 1/8
 0.008 mi.
 40 ft.**

**PUGET CORP OF WASHINGTON
 2101 MILDRED ST W
 TACOMA, WA 98466
 Site 2 of 2 in cluster C**

**FINDS 1000223435
 CSCSL NFA WAD009242090
 VCP
 INST CONTROL
 RCRA-NonGen**

**Relative:
 Higher**

FINDS:
 Other Pertinent Environmental Activity Identified at Site

**Actual:
 336 ft.**

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUGET CORP OF WASHINGTON (Continued)

1000223435

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

CSCSL NFA:

Facility/Site Id: 86715242
NFA Type: NFA after assessment, IRAP, or VCP
NFA Date: 9/4/2007
Rank: Not reported
VCP: Y

VCP:

Facility ID: 86715242
VCP Status: Not reported
VCP: Y
Ecology Status: Not reported

INST CONTROL:

Facility Site ID: 86715242
Nfa Code: NFA after assessment (or IRAP)
NFA Desc: NFA after assessment, IRAP, or VCP
Nfa Date: 9/4/2007 00:00:00
Decision Document Id: 609
Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 200708170825
Filing Date: 8/17/2007 00:00:00
Inst Control Doc Id: Not reported
IC DDocument Type: Not reported
Status Of IC Doc Type: Not reported
IC Doc Status: Not reported
County Filing # For Individual IC Doc: Not reported
Filing Date Of Individual IC Doc: Not reported
Status Date: Not reported
IC Category Id: Not reported
IC Category: Not reported
IC Category Desc: Not reported

Comments: RC obtained by Puget Corporation. Residual concentrations of petroleum hydrocarbons and PCBs remain in soil beneath concrete foundation and footings of facility buildings that exceed Methods A & B. There may also be metals beneath concrete patio aRC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.ssocial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUGET CORP OF WASHINGTON (Continued)

1000223435

Facility Site ID: 86715242
Nfa Code: NFA after assessment (or IRAP)
NFA Desc: NFA after assessment, IRAP, or VCP
Nfa Date: 9/4/2007 00:00:00
Decision Document Id: 415
Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 200306041101
Filing Date: 6/3/2003 00:00:00
Inst Control Doc Id: 1
IC Document Type: Restrictive Covenant
Status Of IC Doc Type: Active
IC Doc Status: Active
County Filing # For Individual IC Doc: 200306041101
Filing Date Of Individual IC Doc: 6/3/2003 00:00:00
Status Date: 6/3/2003 00:00:00
IC Category Id: 737
IC Category: Maintenance Requirements
IC Category Desc: Maintenance Requirements
Comments: RC obtained by Puget Corporation. Residual concentrations of petroleum hydrocarbons and PCBs remain in soil beneath concrete foundation and footings of facility buildings that exceed Methods A & B. There may also be metals beneath concrete patio aRC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.ssocial

Facility Site ID: 86715242
Nfa Code: NFA after assessment (or IRAP)
NFA Desc: NFA after assessment, IRAP, or VCP
Nfa Date: 9/4/2007 00:00:00
Decision Document Id: 157
Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 9802090334
Filing Date: 2/2/1998 00:00:00
Inst Control Doc Id: 1
IC Document Type: Restrictive Covenant
Status Of IC Doc Type: Rescinded
IC Doc Status: Rescinded
County Filing # For Individual IC Doc: 9802090334
Filing Date Of Individual IC Doc: 2/2/1998 00:00:00
Status Date: 6/3/2003 00:00:00
IC Category Id: 255
IC Category: Maintenance Requirements
IC Category Desc: Maintenance Requirements
Comments: RC obtained by Puget Corporation. Residual concentrations of petroleum hydrocarbons and PCBs remain in soil beneath concrete foundation and footings of facility buildings that exceed Methods A & B. There may also be metals beneath concrete patio aRC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUGET CORP OF WASHINGTON (Continued)

1000223435

Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.ssocial

Facility Site ID: 86715242
Nfa Code: NFA after assessment (or IRAP)
NFA Desc: NFA after assessment, IRAP, or VCP
Nfa Date: 9/4/2007 00:00:00
Decision Document Id: 157
Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 9802090334
Filing Date: 2/2/1998 00:00:00
Inst Control Doc Id: 1
IC Document Type: Restrictive Covenant
Status Of IC Doc Type: Rescinded
IC Doc Status: Rescinded
County Filing # For Individual IC Doc: 9802090334
Filing Date Of Individual IC Doc: 2/2/1998 00:00:00
Status Date: 6/3/2003 00:00:00
IC Category Id: 256
IC Category: Property Use Restriction
IC Category Desc: Property Use Restriction
Comments: RC obtained by Puget Corporation. Residual concentrations of petroleum hydrocarbons and PCBs remain in soil beneath concrete foundation and footings of facility buildings that exceed Methods A & B. There may also be metals beneath concrete patio aRC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.ssocial

Facility Site ID: 86715242
Nfa Code: NFA after assessment (or IRAP)
NFA Desc: NFA after assessment, IRAP, or VCP
Nfa Date: 9/4/2007 00:00:00
Decision Document Id: 157
Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 9802090334
Filing Date: 2/2/1998 00:00:00
Inst Control Doc Id: 1
IC Document Type: Restrictive Covenant
Status Of IC Doc Type: Rescinded
IC Doc Status: Rescinded
County Filing # For Individual IC Doc: 9802090334
Filing Date Of Individual IC Doc: 2/2/1998 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUGET CORP OF WASHINGTON (Continued)

1000223435

Status Date: 6/3/2003 00:00:00
IC Category Id: 257
IC Category: Soil Restriction
IC Category Desc: Soil Restriction
Comments: RC obtained by Puget Corporation. Residual concentrations of petroleum hydrocarbons and PCBs remain in soil beneath concrete foundation and footings of facility buildings that exceed Methods A & B. There may also be metals beneath concrete patio aRC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.RC obtained by Puget Corporation of Washington. Residual concentrations of petroleum hydrocarbons remain in soil exceeding Method A & B. There may also be heavy metal contamination above MTCA standards beneath existing concrete patio.ssocial

RCRA-NonGen:

Date form received by agency: 06/05/2001
Facility name: PUGET CORP OF WASHINGTON
Facility address: 2101 MILDRED ST W
TACOMA, WA 98466
EPA ID: WAD009242090
Mailing address: ONE MCILROY PLAZA SUITE 401
FAYETTEVILLE, AR 72702
Contact: JEFF HUNGATE
Contact address: ONE MCILROY PLAZA SUITE 401
FAYETTEVILLE, AR 72702
Contact country: US
Contact telephone: (800)228-2244
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 06/04/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUGET CORP OF WASHINGTON (Continued)

1000223435

Facility name: PUGET CORP OF WASHINGTON
Site name: PACE INDUSTRIES PUGET DIVISION
Classification: Large Quantity Generator

Date form received by agency: 06/04/2001
Facility name: PUGET CORP OF WASHINGTON
Classification: Large Quantity Generator

Date form received by agency: 03/01/2001
Facility name: PUGET CORP OF WASHINGTON
Classification: Large Quantity Generator

Date form received by agency: 03/02/2000
Facility name: PUGET CORP OF WASHINGTON
Site name: PACE INDUSTRIES PUGET DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/02/2000
Facility name: PUGET CORP OF WASHINGTON
Classification: Large Quantity Generator

Date form received by agency: 02/22/1999
Facility name: PUGET CORP OF WASHINGTON
Classification: Large Quantity Generator

Date form received by agency: 02/23/1998
Facility name: PUGET CORP OF WASHINGTON
Classification: Large Quantity Generator

Date form received by agency: 02/23/1998
Facility name: PUGET CORP OF WASHINGTON
Site name: PUGET CORP
Classification: Large Quantity Generator

Date form received by agency: 03/03/1997
Facility name: PUGET CORP OF WASHINGTON
Classification: Small Quantity Generator

Date form received by agency: 06/10/1996
Facility name: PUGET CORP OF WASHINGTON
Classification: Not a generator, verified

Date form received by agency: 03/04/1996
Facility name: PUGET CORP OF WASHINGTON
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: PUGET CORP OF WASHINGTON
Site name: PACE INDUSTRIES PUGET DIVISION INC
Classification: Large Quantity Generator

Date form received by agency: 01/01/1995
Facility name: PUGET CORP OF WASHINGTON
Classification: Not a generator, verified

Date form received by agency: 01/01/1994
Facility name: PUGET CORP OF WASHINGTON

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PUGET CORP OF WASHINGTON (Continued)

1000223435

Classification: Not a generator, verified

Date form received by agency: 12/31/1993
 Facility name: PUGET CORP OF WASHINGTON
 Classification: Large Quantity Generator

Date form received by agency: 12/31/1990
 Facility name: PUGET CORP OF WASHINGTON
 Site name: PUGET CORPORATION
 Classification: Large Quantity Generator

Violation Status: No violations found

B7
South
< 1/8
0.015 mi.
77 ft.

Y PAY MOR CLEANERS TACOMA
2310 MILDRED ST W
TACOMA, WA 98466

FINDS **1000160956**
Inactive Drycleaners **WAD981764004**
RCRA-NonGen

Site 2 of 2 in cluster B

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
337 ft.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

Inactive Drycleaners:

FS ID: 14100
 Facility ID: WAD981764004
 NAICS Code: 81232
 TAX REG NBR: Not reported
 BUSINESS TYPE: Not reported
 MAIL NAME: Not reported
 MAIL LINE1: Not reported
 MAIL LINE2: Not reported
 MAIL CITY: Not reported
 MAIL STATE: Not reported
 MAIL ZIP: Not reported
 MAIL COUNTRY: Not reported
 LEGAL ORG NAME: Not reported
 LEGAL PERSON FIRST NAME: Not reported
 LEGAL PERSON MIDDLE INIT: Not reported
 LEGAL PERSON LAST NAME: Not reported
 LEGAL LINE1: Not reported
 LEGAL LINE2: Not reported
 LEGAL CITY: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Y PAY MOR CLEANERS TACOMA (Continued)

1000160956

LEGAL STATE:	Not reported
LEGAL ZIP:	Not reported
LEGAL COUNTRY:	Not reported
LEGAL PHONE NBR:	Not reported
LEGAL EFFECTIVE DATE:	Not reported
LEGAL ORGANIZATION TYPE:	Not reported
LAND ORG NAME:	Not reported
LAND PERSON FIRST NAME:	Not reported
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Not reported
LAND LINE1:	Not reported
LAND LINE2:	Not reported
LAND CITY:	Not reported
LAND STATE:	Not reported
LAND ZIP:	Not reported
LAND COUNTRY:	Not reported
LAND PHONE NBR:	Not reported
LAND ORGANIZATION TYPE:	Not reported
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Not reported
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Not reported
OPERATOR LINE1:	Not reported
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR COUNTRY:	Not reported
OPERATOR PHONE NBR:	Not reported
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Not reported
SITE CONTACT FIRST NAME:	Not reported
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Not reported
SITE CONTACT LINE1:	Not reported
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Not reported
SITE CONTACT STATE:	Not reported
SITE CONTACT ZIP:	Not reported
SITE CONTACT COUNTRY:	Not reported
SITE CONTACT PHONE NBR:	Not reported
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Not reported
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Not reported
FORM CONTACT LINE1:	Not reported
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Not reported
FORM CONTACT STATE:	Not reported
FORM CONTACT ZIP:	Not reported
FORM CONTACT COUNTRY:	Not reported
FORM CONTACT PHONE NBR:	Not reported
FORM CONTACT EMAIL:	Not reported
GEN STATUS CD:	Not reported
MONTHLY GENERATION:	Not reported
BATCH GENERATION:	Not reported
ONE TIME GENERATION:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Y PAY MOR CLEANERS TACOMA (Continued)

1000160956

TRANSPORTS OWN WASTE:	Not reported
TRANSPORTS OTHERS WASTE:	Not reported
RECYCLER ONSITE:	Not reported
TRANSFER FACILITY:	Not reported
PBR:	Not reported
TBG:	Not reported
MIXED RADIOACTIVE:	Not reported
IMPORTER:	Not reported
TSDR FACILITY:	Not reported
IMMEDIATE RECYCLER:	Not reported
GEN DANG FUEL:	Not reported
GEN MARKET TO BURNER:	Not reported
GEN OTHER MARKETERS:	Not reported
UTILITY BOILER BURNER:	Not reported
INDUSTRY BOILER BURNER:	Not reported
FURNACE BURNER:	Not reported
SMELTER DEFERRAL:	Not reported
SMALL QTY EXEMPTION:	Not reported
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	Not reported
UW THERMOSTATS GEN:	Not reported
UW MERCURY GEN:	Not reported
UW LAMPS GEN:	Not reported
UW BATTERY ACCUM:	Not reported
UW THERMOSTATS ACCUM:	Not reported
UW MERCURY ACCUM:	Not reported
UW LAMPS ACCUM:	Not reported
UW DESTINATION FACILITY:	Not reported
OFF SPEC UTILITY BOILER:	Not reported
OFF SPEC INDUSTRY BOILER:	Not reported
OFF SPEC FURNACE:	Not reported
USED OIL TRANSPORTER:	Not reported
USED OIL TRANSFER FACILITY:	Not reported
USED OIL PROCESSOR:	Not reported
USED OIL REREFINER:	Not reported
USED OIL FUEL MARKETER DIR SHIPMENTS:	Not reported
USED OIL FUEL MARKETER MEETS SPECS:	Not reported
Comment:	Not reported
Fed:	Not reported
Stat:	Not reported

RCRA-NonGen:

Date form received by agency: 03/10/1987
Facility name: Y PAY MOR CLEANERS TACOMA
Facility address: 2310 MILDRED ST W
TACOMA, WA 98466
EPA ID: WAD981764004
Contact: LOU PARENT
Contact address: 2310 MILDRED ST W
TACOMA, WA 98466-6036
Contact country: US
Contact telephone: (253)564-6000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Y PAY MOR CLEANERS TACOMA (Continued)

1000160956

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

D8
North
< 1/8
0.114 mi.
602 ft.

TOWNE CLEANERS
1923 MILDRED WEST
TACOMA, WA 98466
Site 1 of 5 in cluster D

LUST U003353560
N/A

Relative:
Higher

LUST:

Actual:
328 ft.

FS ID: 93333137
Facility ID: 1292
Release ID: 393018
Alternate Name: TOWNE CLEANERS/SEE ALSO: PACE INDUSTRIES
Release Notification Date: 04/05/93
Release Status Date: 04/05/93
Facility Status: Awaiting Cleanup
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.24198000 / -122.52612000

FS ID: 93333137
Facility ID: 1292
Release ID: 393018
Alternate Name: TOWNE CLEANERS/SEE ALSO: PACE INDUSTRIES
Release Notification Date: 04/05/93
Release Status Date: 11/17/06
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.24198000 / -122.52612000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D9
North
< 1/8
0.115 mi.
609 ft.

TACOMA DRAPERY TOWNE CLEANER
1921 W MILDRED
TACOMA, WA 98466
Site 2 of 5 in cluster D

SHWS 1000334209
FINDS WAD027537984
UST
RCRA-CESQG

Relative:
Higher

CSCSL:

Actual:
328 ft.

Facility ID:	93333137
Region:	Southwest
Entered Date:	12/11/2006
Updated Date:	12/11/2006
Brownfield Status:	0
VCP Status:	Not reported
Rank Status:	Not reported
PSI Status:	Not reported
Clean Method:	Not reported
Drinking Water Type:	Not reported
Cleanup Standard:	Not reported
Acres Remediated:	Not reported
Lat/Long (dms):	47 14 31 / 122 31 34
Media Status Desc:	12/11/2006
Affected Media:	Soil
Affected Media Status:	Confirmed
Pesticides:	Not reported
Petroleum Products:	Confirmed
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	SOUTHWEST
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting SHA
Independent Site Status (independent cleanup):	Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA DRAPERY TOWNE CLEANER (Continued)

1000334209

corrective action activities required under RCRA.

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

UST:

Facility ID: 93333137
Site ID: 1292
Lat Deg: 47
Lat Min: 14
Lat Sec: 31
Long Deg: 122
Long Min: 31
Long Sec: 34
UBI: Not reported
Phone Number: 2066271112

Tank ID: 6493
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: Steel
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

Tank ID: 6535
Tank Name: 3
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA DRAPERY TOWNE CLEANER (Continued)

1000334209

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: Steel
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

Tank ID: 6597
Tank Name: 2
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: Steel
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

RCRA-CESQG:

Date form received by agency:05/25/2001
Facility name: TACOMA DRAPERY TOWNE CLEANER
Facility address: 1921 W MILDRED
TACOMA, WA 98466

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA DRAPERY TOWNE CLEANER (Continued)

1000334209

EPA ID: WAD027537984
Mailing address: 1921 W MILDRED ST
TACOMA, WA 98466-6132
Contact: JUNG LEE
Contact address: 1921 W MILDRED ST
TACOMA, WA 98466-6132
Contact country: US
Contact telephone: (253)565-0777
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 10/05/1998
Facility name: TACOMA DRAPERY TOWNE CLEANER
Classification: Small Quantity Generator

Date form received by agency: 12/31/1993
Facility name: TACOMA DRAPERY TOWNE CLEANER
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D10
North
< 1/8
0.115 mi.
609 ft.

TACOMA DRAPERY TOWN CLEANERS
1921 MILDRED ST W
TACOMA, WA 98466
Site 3 of 5 in cluster D

DRYCLEANERS **S108541326**
N/A

Relative:
Higher

CLEANERS:
 EPA Id: WAC000502242
 NAICS Code: Not reported
 NAICS Description: Not reported
 Create Date: 5/2/2000
 Facility Active: No
 Inactive Date: 6/15/2004
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 1921 MILDRED ST W
 Mailing Address 2: Not reported
 Mailing State: WA
 Mailing Zip: 984660000
 Region Code: 0
 Owner Name: LEE JUNG SUP
 Owner Address: --
 Owner Address 2: Not reported
 Owner Telephone: 0
 Owner Fax Number: Not reported
 Contact Name: LEE JUNG SUP
 Contact Address: 1921 MILDRED ST W
 Contact Address 2: Not reported
 Contact Telephone: 2535650777
 Contact Fax Number: Not reported
 SIC Description: Not reported

11
South
1/8-1/4
0.125 mi.
662 ft.

FIRCREST GOLF CLUB
6520 REGENTS BLVD
TACOMA, WA 98466

UST **U003353880**
N/A

Relative:
Higher

UST:
 Facility ID: 16989283
 Site ID: 2475
 Lat Deg: 47
 Lat Min: 14
 Lat Sec: 17.809999999999999
 Long Deg: 122
 Long Min: 31
 Long Sec: 31.75
 UBI: 2780033230010001
 Phone Number: 2065646756

 Tank ID: 16550
 Tank Name: 1
 Install Date: 12/31/1964
 Capacity: 111 TO 1,100 Gallons
 Tank Upgrade Date: 1/1/0001
 TankSystem Status: Removed
 TankSystem Status Change Date: 8/26/1996
 Tank Status: Removed
 Tank Permit Expiration Date: 1/1/0001
 Tank Closure Date: 1/1/0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRCREST GOLF CLUB (Continued)

U003353880

Tank Pumping System: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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

Tank ID: 16744
Tank Name: 2
Install Date: 6/15/1989
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 6/30/1996
Tank Closure Date: 1/1/0001
Tank Pumping System: Not reported
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Not reported
Tank Material: Coated Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Sacrificial Anode
Pipe Material: Coated Steel
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Suction
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Tank Primary Release Detection: Weekly Manual Gauging
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

Tank ID: 357190
Tank Name: 3
Install Date: 1/1/1900
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRCREST GOLF CLUB (Continued)

U003353880

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

Tank ID: 41333
Tank Name: 1R
Install Date: 6/15/1989
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 6/30/1996
Tank Closure Date: 1/1/0001
Tank Pumping System: Not reported
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Double Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Sacrificial Anode
Pipe Material: Coated Steel
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Suction
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Tank Primary Release Detection: Weekly Manual Gauging
Tank Second Release Detection: Not reported
Pipe Tightness Test: Not reported
Tank Actual Status Date: 8/6/1996
Tag Number: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D12
North
1/8-1/4
0.128 mi.
675 ft.

BP #11077
6622 S. 19TH ST.
TACOMA, WA 98466

Site 4 of 5 in cluster D

ICR S102512914
N/A

Relative:
Lower

ICR:
Date Ecology Received Report: 05/13/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-52
County Code: 27.00000
Contact: Not reported
Report Title: Not reported

Actual:
323 ft.

Date Ecology Received Report: 08/09/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-04
County Code: 27.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/02/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-50
County Code: 27.00000
Contact: Not reported
Report Title: Not reported

D13
North
1/8-1/4
0.128 mi.
675 ft.

TOSCO 1107730143
6622 19TH ST W
TACOMA, WA 98466

Site 5 of 5 in cluster D

FINDS 1000659068
LUST WAD988487336
UST
MANIFEST
RCRA-NonGen

Relative:
Lower

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
323 ft.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

LUST:

FS ID: 22346877
Facility ID: 8683
Release ID: 1369
Alternate Name: BP 11077
Release Notification Date: 02/12/90
Release Status Date: 12/13/07
Facility Status: Awaiting Cleanup
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.24247200 / -122.52586100

FS ID: 22346877
Facility ID: 8683
Release ID: 1369
Alternate Name: BP 11077
Release Notification Date: 02/12/90
Release Status Date: 10/24/95
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.24247200 / -122.52586100

UST:

Facility ID: 22346877
Site ID: 8683
Lat Deg: 47
Lat Min: 14
Lat Sec: 32.899199999997698
Long Deg: 122
Long Min: 31
Long Sec: 33.0996000000221
UBI: 4090053470010020
Phone Number: 2812935101

Tank ID: 11069
Tank Name: REG-1
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
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

TOSCO 1107730143 (Continued)

1000659068

Tank Corrosion Protection: Not reported
Pipe Material: Steel
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: A0818

Tank ID: 11176
Tank Name: DSL
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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: A0818

Tank ID: 11255
Tank Name: REG-2
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
Tank Construction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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: A0818

Tank ID: 14666
Tank Name: 2
Install Date: 1/1/1977
Capacity: 10,000 to 19,999 Gallons
Tank Upgrade Date: 12/30/1997
TankSystem Status: Operational
TankSystem Status Change Date: 8/26/1996
Tank Status: Operational
Tank Permit Expiration Date: 8/31/2008
Tank Closure Date: 1/1/0001
Tank Pumping System: Pressurized System
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Automatic Shutoff (fill pipe)
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Impressed Current
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: 8/6/1996
Tag Number: A0818

Tank ID: 14769
Tank Name: 1
Install Date: 1/1/1977
Capacity: 10,000 to 19,999 Gallons
Tank Upgrade Date: 12/30/1997
TankSystem Status: Operational
TankSystem Status Change Date: 8/26/1996
Tank Status: Operational
Tank Permit Expiration Date: 8/31/2008
Tank Closure Date: 1/1/0001
Tank Pumping System: Pressurized System
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Automatic Shutoff (fill pipe)
Tank Material: Fiberglass Reinforced Plastic

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
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: 8/6/1996
Tag Number: A0818

Tank ID: 14891
Tank Name: 3
Install Date: 1/1/1977
Capacity: 10,000 to 19,999 Gallons
Tank Upgrade Date: 12/30/1997
TankSystem Status: Operational
TankSystem Status Change Date: 8/26/1996
Tank Status: Operational
Tank Permit Expiration Date: 8/31/2008
Tank Closure Date: 1/1/0001
Tank Pumping System: Pressurized System
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Automatic Shutoff (fill pipe)
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Impressed Current
Pipe Material: Fiberglass
Pipe Construction: Double 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: 8/6/1996
Tag Number: A0818

Tank ID: 40487
Tank Name: SNL
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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: A0818

Tank ID: 40756
Tank Name: NOL
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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: A0818

WA MANIFEST:

Facility Site ID Number: 22346877
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
"Other marketers (i.e., blender, distributor, etc.)": No
Utility boiler burner: No
Industry boiler burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

Industrial Furnace: No
Smelter deferral: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No
Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No
EPA ID: WAD988487336
Facility Address 2: Not reported
TAX REG NBR: 600115909
NAICS CD: 44711
BUSINESS TYPE: Not reported
MAIL NAME: ConocoPhillips Company
MAIL ADDR LINE1: 600 North Dairy Ashford
MAIL CITY,ST,ZIP: Houston, TX 77079
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: ConocoPhillips Company
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 600 North Dairy Ashford
LEGAL CITY,ST,ZIP: Houston, TX 77079
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 281-293-1000
LEGAL EFFECTIVE DATE: 12/31/2003
LAND ORG NAME: ConocoPhillips Company
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 600 North Dairy Ashford
LAND CITY,ST,ZIP: Houston, TX 77079
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 281-293-1000
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 6622 19th St
OPERATOR CITY,ST,ZIP: Tacoma, WA 98466
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 253-564-9595
OPERATOR EFFECTIVE DATE: 3/18/1997
SITE CONTACT NAME: Tiana Andriamanarivo
SITE CONTACT ADDR LINE1: 1380 San Pablo Ave
SITE CONTACT ZIP: Rodeo, CA 94572
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 510-245-5176
SITE CONTACT EMAIL: Tiana.Andriamanarivo@conocophillips.com
FORM CONTACT NAME: Marina Tishkova
FORM CONTACT ADDR LINE1: 600 North Dairy Ashford TA1026B
FORM CONTACT CITY,ST,ZIP: Houston, TX 77079
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 281-293-4335
FORM CONTACT EMAIL: Marina.A.Tishkova@conocophillips.com
GEN STATUS CD: XQG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

MONTHLY GENERATION: Yes
BATCH GENERATION: No
ONE TIME GENERATION: No
TRANSPORTS OWN WASTE: No
TRANSPORTS OTHRS WASTE: No
RECYCLER ONSITE: No
TRANSFER FACILITY: No
OTHER EXEMPTION: Not reported
UW BATTERY GEN: No
USED OIL TRANSPORTER: No
USED OIL TRANSFER FACILITY: No
USED OIL PROCESSOR: No
USED OIL REREFINER: No
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No
USED OIL FUEL MRKTR MEETS SPECS: No

Facility Site ID Number: 22346877
Permit by Rule: FALSE
Treatment by Generator: FALSE
Mixed radioactive waste: FALSE
Importer of hazardous waste: FALSE
Immediate recycler: FALSE
Treatment/Storage/Disposal/Recycling Facility: FALSE
Generator of dangerous fuel waste: FALSE
Generator marketing to burner: FALSE
"Other marketers (i.e., blender, distributor, etc.)": FALSE
Utility boiler burner: FALSE
Industry boiler burner: FALSE
Industrial Furnace: FALSE
Smelter deferral: FALSE
Universal waste - batteries - generate: FALSE
Universal waste - thermostats - generate: FALSE
Universal waste - mercury - generate: FALSE
Universal waste - lamps - generate: FALSE
Universal waste - batteries - accumulate: FALSE
Universal waste - thermostats - accumulate: FALSE
Universal waste - mercury - accumulate: FALSE
Universal waste - lamps - accumulate: FALSE
Destination Facility for Universal Waste: FALSE
Off-specification used oil burner - utility boiler: FALSE
Off-specification used oil burner - industrial boiler: FALSE
Off-specification used oil burner - industrial furnace: FALSE
EPA ID: WAD988487336
Facility Address 2: Not reported
TAX REG NBR: 600115909
NAICS CD: 44711
BUSINESS TYPE: Not reported
MAIL NAME: ConocoPhillips Company
MAIL ADDR LINE1: 600 North Dairy Ashford
MAIL CITY,ST,ZIP: Houston, TX 77079
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: ConocoPhillips Company
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 600 North Dairy Ashford
LEGAL CITY,ST,ZIP: Houston, TX 77079
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 281-293-1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

LEGAL EFFECTIVE DATE: 12/31/2003
LAND ORG NAME: ConocoPhillips Company
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 600 North Dairy Ashford
LAND CITY,ST,ZIP: Houston, TX 77079
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 281-293-1000
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 6622 19th St
OPERATOR CITY,ST,ZIP: Tacoma, WA 98466
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 253-564-9595
OPERATOR EFFECTIVE DATE: 3/18/1997
SITE CONTACT NAME: Tiana Andriamanarivo
SITE CONTACT ADDR LINE1: 1380 San Pablo Ave
SITE CONTACT ZIP: Rodeo, CA 94572
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 510-245-5176
SITE CONTACT EMAIL: Tiana.Andriamanarivo@conocophillips.com
FORM CONTACT NAME: Thomas R Border
FORM CONTACT ADDR LINE1: 600 North Dairy Ashford, TA1026B
FORM CONTACT CITY,ST,ZIP: Houston, TX 77079
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 281-293-4335
FORM CONTACT EMAIL: thomas.r.border@conocophillips.com
GEN STATUS CD: XQG
MONTHLY GENERATION: FALSE
BATCH GENERATION: FALSE
ONE TIME GENERATION: FALSE
TRANSPORTS OWN WASTE: FALSE
TRANSPORTS OTHRS WASTE: FALSE
RECYCLER ONSITE: FALSE
TRANSFER FACILITY: FALSE
OTHER EXEMPTION: Not reported
UW BATTERY GEN: FALSE
USED OIL TRANSPORTER: FALSE
USED OIL TRANSFER FACILITY: FALSE
USED OIL PROCESSOR: FALSE
USED OIL REREFINER: FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE
USED OIL FUEL MRKTR MEETS SPECS: FALSE

RCRA-NonGen:

Date form received by agency: 02/16/2006
Facility name: CONOCOPHILLIPS 30143
Facility address: 6622 19TH ST W
TACOMA, WA 98466
EPA ID: WAD988487336
Mailing address: 600 NORTH DAIRY ASHFORD
HOUSTON, TX 77079
Contact: TIANA ANDRIAMANARIVO
Contact address: 600 NORTH DAIRY ASHFORD
HOUSTON, TX 77079
Contact country: US
Contact telephone: (510)245-5176

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 12/31/2005
Facility name: CONOCOPHILLIPS 30143
Classification: Not a generator, verified

Date form received by agency: 02/23/2005
Facility name: CONOCOPHILLIPS 30143
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/2004
Facility name: CONOCOPHILLIPS 30143
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2003
Facility name: CONOCOPHILLIPS 30143
Classification: Not a generator, verified

Date form received by agency: 02/26/2003
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Not a generator, verified

Date form received by agency: 03/07/2002
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Not a generator, verified

Date form received by agency: 04/04/2001
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Not a generator, verified

Date form received by agency: 02/28/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO 1107730143 (Continued)

1000659068

Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Not a generator, verified

Date form received by agency: 03/01/1999
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Not a generator, verified

Date form received by agency: 03/02/1998
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Not a generator, verified

Date form received by agency: 02/24/1997
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/1996
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/1993
Facility name: CONOCOPHILLIPS 30143
Site name: TOSCO 1107730143
Classification: Small Quantity Generator

Violation Status: No violations found

14
West
1/8-1/4
0.170 mi.
895 ft.

**AUTO TECH 2213 70TH
2213 70TH AVE W 21
TACOMA, WA 98466**

**FINDS 1001491351
RCRA-CESQG WA0000001255**

**Relative:
Higher**

FINDS:
Other Pertinent Environmental Activity Identified at Site

**Actual:
362 ft.**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

RCRA-CESQG:
Date form received by agency: 01/01/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO TECH 2213 70TH (Continued)

1001491351

Facility name: AUTO TECH 2213 70TH
Facility address: 2213 70TH AVE W 21
TACOMA, WA 98466
EPA ID: WA0000001255
Mailing address: 2003 70TH AVE W
TACOMA, WA 98466-5540
Contact: MARC LAFOND
Contact address: 2003 70TH AVE W
TACOMA, WA 98466-5540
Contact country: US
Contact telephone: (253)565-3268
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

15
 NE
 1/8-1/4
 0.182 mi.
 960 ft.

TACOMA COMMUNITY COLLEGE
6501 S 19TH ST
TACOMA, WA 98466

FINDS 1000473889
MANIFEST WAD988479465
RCRA-CESQG

Relative:
Lower

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
303 ft.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

WA MANIFEST:

Facility Site ID Number:	83654982
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD988479465
Facility Address 2:	Not reported
TAX REG NBR:	278049098
NAICS CD:	61121
BUSINESS TYPE:	Not reported
MAIL NAME:	Tacoma Community College
MAIL ADDR LINE1:	6501 S 19th St

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA COMMUNITY COLLEGE (Continued)

1000473889

MAIL ADDR LINE2: Building 1
MAIL CITY,ST,ZIP: Tacoma, WA 98466-6100
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Tacoma Community College
LEGAL ORG TYPE: State
LEGAL ADDR LINE1: 6501 S 19th St
LEGAL ADDR LINE2: Building 1
LEGAL CITY,ST,ZIP: Tacoma, WA 98466-6100
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 253.566.5000
LEGAL EFFECTIVE DATE: 1/1/1966
LAND ORG NAME: Tacoma Community College
LAND ORG TYPE: State
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 6501 S 19TH ST
LAND ADDR LINE2: Building 1
LAND CITY,ST,ZIP: Tacoma, WA 98466-6100
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 253.566.5000
OPERATOR ORG NAME: Tacoma Community College
OPERATOR ORG TYPE: State
OPERATOR ADDR LINE1: 6501 S 19TH ST
OPERATOR ADDR LINE2: Building 1
OPERATOR CITY,ST,ZIP: Tacoma, WA 98466-6100
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 253.566.5330
OPERATOR EFFECTIVE DATE: 1/1/1966
SITE CONTACT NAME: Clint Steele
SITE CONTACT ADDR LINE1: 6501 S 19TH ST
SITE CONTACT ADDR LINE2: Building 1
SITE CONTACT ZIP: Tacoma, WA 98466-6100
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 253.5665207
SITE CONTACT EMAIL: csteele@tacomacc.edu
FORM CONTACT NAME: James C Grimsey
FORM CONTACT ADDR LINE1: 6501 S 19TH ST
FORM CONTACT ADDR LINE2: Building 1
FORM CONTACT CITY,ST,ZIP: Tacoma, WA 98466-6100
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 253.566.5330
FORM CONTACT EMAIL: jgrimsey@tacoma.edu
GEN STATUS CD: SQG
MONTHLY GENERATION: No
BATCH GENERATION: Yes
ONE TIME GENERATION: No
TRANSPORTS OWN WASTE: No
TRANSPORTS OTHRS WASTE: No
RECYCLER ONSITE: No
TRANSFER FACILITY: No
OTHER EXEMPTION: Not reported
UW BATTERY GEN: No
USED OIL TRANSPORTER: No
USED OIL TRANSFER FACILITY: No
USED OIL PROCESSOR: No
USED OIL REREFINER: No
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No
USED OIL FUEL MRKTR MEETS SPECS: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA COMMUNITY COLLEGE (Continued)

1000473889

Facility Site ID Number: 83654982
Permit by Rule: FALSE
Treatment by Generator: FALSE
Mixed radioactive waste: FALSE
Importer of hazardous waste: FALSE
Immediate recycler: FALSE
Treatment/Storage/Disposal/Recycling Facility: FALSE
Generator of dangerous fuel waste: FALSE
Generator marketing to burner: FALSE
"Other marketers (i.e., blender, distributor, etc.)": FALSE
Utility boiler burner: FALSE
Industry boiler burner: FALSE
Industrial Furnace: FALSE
Smelter deferral: FALSE
Universal waste - batteries - generate: FALSE
Universal waste - thermostats - generate: FALSE
Universal waste - mercury - generate: FALSE
Universal waste - lamps - generate: FALSE
Universal waste - batteries - accumulate: FALSE
Universal waste - thermostats - accumulate: FALSE
Universal waste - mercury - accumulate: FALSE
Universal waste - lamps - accumulate: FALSE
Destination Facility for Universal Waste: FALSE
Off-specification used oil burner - utility boiler: FALSE
Off-specification used oil burner - industrial boiler: FALSE
Off-specification used oil burner - industrial furnace: FALSE
EPA ID: WAD988479465
Facility Address 2: Not reported
TAX REG NBR: 278049098
NAICS CD: 61121
BUSINESS TYPE: Not reported
MAIL NAME: Tacoma Community College
MAIL ADDR LINE1: 6501 S 19th St
MAIL ADDR LINE2: Building 1
MAIL CITY,ST,ZIP: Tacoma, WA 98466-6100
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Tacoma Community College
LEGAL ORG TYPE: State
LEGAL ADDR LINE1: 6501 S 19th St
LEGAL ADDR LINE2: Building 1
LEGAL CITY,ST,ZIP: Tacoma, WA 98466-6100
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 253.566.5000
LEGAL EFFECTIVE DATE: 1/1/1966
LAND ORG NAME: Tacoma Community College
LAND ORG TYPE: State
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 6501 S 19TH ST
LAND ADDR LINE2: Building 1
LAND CITY,ST,ZIP: Tacoma, WA 98466-6100
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 253.566.5000
OPERATOR ORG NAME: Tacoma Community College
OPERATOR ORG TYPE: State
OPERATOR ADDR LINE1: 6501 S 19TH ST
OPERATOR ADDR LINE2: Building 1
OPERATOR CITY,ST,ZIP: Tacoma, WA 98466-6100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA COMMUNITY COLLEGE (Continued)

1000473889

OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 253.566.5330
OPERATOR EFFECTIVE DATE: 1/1/1966
SITE CONTACT NAME: Clint Steele
SITE CONTACT ADDR LINE1: 6501 S 19TH ST
SITE CONTACT ADDR LINE2: Building 1
SITE CONTACT ZIP: Tacoma, WA 98466-6100
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 253.566.5207
SITE CONTACT EMAIL: csteele@tacomacc.edu
FORM CONTACT NAME: James C Grimsey
FORM CONTACT ADDR LINE1: 6501 S 19TH ST
FORM CONTACT ADDR LINE2: Building 1
FORM CONTACT CITY,ST,ZIP: Tacoma, WA 98466-6100
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 253.566.5330
FORM CONTACT EMAIL: jgrimsey@tacomacc.edu
GEN STATUS CD: MQG
MONTHLY GENERATION: FALSE
BATCH GENERATION: TRUE
ONE TIME GENERATION: FALSE
TRANSPORTS OWN WASTE: FALSE
TRANSPORTS OTHRS WASTE: FALSE
RECYCLER ONSITE: FALSE
TRANSFER FACILITY: FALSE
OTHER EXEMPTION: Not reported
UW BATTERY GEN: FALSE
USED OIL TRANSPORTER: FALSE
USED OIL TRANSFER FACILITY: FALSE
USED OIL PROCESSOR: FALSE
USED OIL REREFINER: FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE
USED OIL FUEL MRKTR MEETS SPECS: FALSE

RCRA-CESQG:

Date form received by agency: 03/01/2006
Facility name: TACOMA COMMUNITY COLLEGE
Facility address: 6501 S 19TH ST
TACOMA, WA 98466
EPA ID: WAD988479465
Contact: CLINT STEELE
Contact address: 6501 S 19TH ST BUILDING 1
TACOMA, WA 98466-6100
Contact country: US
Contact telephone: (253).56-6,52
Contact email: Not reported
EPA Region: 10
Land type: State
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA COMMUNITY COLLEGE (Continued)

1000473889

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/01/2005
Facility name: TACOMA COMMUNITY COLLEGE
Classification: Small Quantity Generator

Date form received by agency: 01/01/2005
Facility name: TACOMA COMMUNITY COLLEGE
Classification: Not a generator, verified

Date form received by agency: 03/09/2004
Facility name: TACOMA COMMUNITY COLLEGE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/03/2004
Facility name: TACOMA COMMUNITY COLLEGE
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Facility name: TACOMA COMMUNITY COLLEGE
Classification: Not a generator, verified

Date form received by agency: 04/18/2003
Facility name: TACOMA COMMUNITY COLLEGE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/30/2002
Facility name: TACOMA COMMUNITY COLLEGE
Classification: Large Quantity Generator

Date form received by agency: 06/28/2000
Facility name: TACOMA COMMUNITY COLLEGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA COMMUNITY COLLEGE (Continued)

1000473889

Classification: Large Quantity Generator

Date form received by agency: 06/28/2000

Facility name: TACOMA COMMUNITY COLLEGE

Classification: Large Quantity Generator

Date form received by agency: 09/08/1999

Facility name: TACOMA COMMUNITY COLLEGE

Classification: Large Quantity Generator

Date form received by agency: 10/14/1998

Facility name: TACOMA COMMUNITY COLLEGE

Classification: Large Quantity Generator

Date form received by agency: 03/06/1997

Facility name: TACOMA COMMUNITY COLLEGE

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/08/1996

Facility name: TACOMA COMMUNITY COLLEGE

Classification: Small Quantity Generator

Date form received by agency: 12/31/1993

Facility name: TACOMA COMMUNITY COLLEGE

Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: SR - -200(1)(c)(d)

Area of violation: Generators - General

Date violation determined: 03/13/2003

Date achieved compliance: 05/14/2003

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 04/29/2003

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: Not reported

Final penalty amount: Not reported

Paid penalty amount: Not reported

Regulation violated: SR - -630(5)(a)

Area of violation: Generators - General

Date violation determined: 03/13/2003

Date achieved compliance: 05/14/2003

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 04/29/2003

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: Not reported

Final penalty amount: Not reported

Paid penalty amount: Not reported

Regulation violated: SR - -070(3)

Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TACOMA COMMUNITY COLLEGE (Continued)

1000473889

Date violation determined: 03/13/2003
Date achieved compliance: 07/07/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/13/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/14/2003
Evaluation lead agency: State

Evaluation date: 03/13/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/07/2003
Evaluation lead agency: State

Evaluation date: 05/20/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/15/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

E16
East
1/8-1/4
0.218 mi.
1151 ft.

FIRCREST VILLAGE CLEANERS
1105 REGENTS BLVD #A
TACOMA, WA 98466
Site 1 of 2 in cluster E

DRYCLEANERS S108540845
N/A

Relative:
Lower

CLEANERS:
EPA Id: WAC000327126
NAICS Code: Not reported
NAICS Description: Not reported
Create Date: 3/27/2000
Facility Active: No
Inactive Date: 6/15/2004
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1105 REGENTS BLVD #A
Mailing Address 2: Not reported
Mailing State: WA
Mailing Zip: 984660000
Region Code: 0
Owner Name: EUN CHUL DONG

Actual:
281 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FIRCREST VILLAGE CLEANERS (Continued)

S108540845

Owner Address: 1105 REGENTS BLVD #A
 Owner Address 2: Not reported
 Owner Telephone: 0
 Owner Fax Number: Not reported
 Contact Name: EUN CHUL DONG
 Contact Address: 1105 REGENTS BLVD #A
 Contact Address 2: Not reported
 Contact Telephone: 2535658102
 Contact Fax Number: Not reported
 SIC Description: Not reported

**E17
 East
 1/8-1/4
 0.228 mi.
 1202 ft.**

**FIRCREST VILLAGE CLEANERS
 1105A REGENTS BLVD
 TACOMA, WA 98466**

Site 2 of 2 in cluster E

**SHWS 1001490397
 FINDS WAD980984025
 Inactive Drycleaners
 RCRA-CESQG**

**Relative:
 Lower**

CSCSL:

Facility ID: 64128162
 Region: Southwest
 Entered Date: 1/27/2006
 Updated Date: 1/27/2006
 Brownfield Status: 0
 VCP Status: Not reported
 Rank Status: Not reported
 PSI Status: Not reported
 Clean Method: Not reported
 Drinking Water Type: Not reported
 Cleanup Standard: Not reported
 Acres Remediated: Not reported
 Lat/Long (dms): 47 14 19 / 122 31 2
 Media Status Desc: 1/27/2006
 Affected Media: Groundwater
 Affected Media Status: Suspected
 Pesticides: Not reported
 Petroleum Products: Not reported
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: SOUTHWEST
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported

**Actual:
 281 ft.**

Non-Halogenated Solvents: Suspected
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant metals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRCREST VILLAGE CLEANERS (Continued)

1001490397

Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Awaiting SHA
Independent Site Status (independent cleanup): Not reported

Facility ID: 64128162
Region: Southwest
Entered Date: 1/27/2006
Updated Date: 1/27/2006
Brownfield Status: 0
VCP Status: Not reported
Rank Status: Not reported
PSI Status: Not reported
Clean Method: Not reported
Drinking Water Type: Not reported
Cleanup Standard: Not reported
Acres Remediated: Not reported
Lat/Long (dms): 47 14 19 / 122 31 2
Media Status Desc: 1/1/0001
Affected Media: Soil
Affected Media Status: Confirmed
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: SOUTHWEST
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Awaiting SHA
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRCREST VILLAGE CLEANERS (Continued)

1001490397

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

Inactive Drycleaners:

FS ID:	7254
Facility ID:	WAD980984025
NAICS Code:	81232
TAX REG NBR:	Not reported
BUSINESS TYPE:	Not reported
MAIL NAME:	Not reported
MAIL LINE1:	Not reported
MAIL LINE2:	Not reported
MAIL CITY:	Not reported
MAIL STATE:	Not reported
MAIL ZIP:	Not reported
MAIL COUNTRY:	Not reported
LEGAL ORG NAME:	Not reported
LEGAL PERSON FIRST NAME:	Not reported
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Not reported
LEGAL LINE1:	Not reported
LEGAL LINE2:	Not reported
LEGAL CITY:	Not reported
LEGAL STATE:	Not reported
LEGAL ZIP:	Not reported
LEGAL COUNTRY:	Not reported
LEGAL PHONE NBR:	Not reported
LEGAL EFFECTIVE DATE:	Not reported
LEGAL ORGANIZATION TYPE:	Not reported
LAND ORG NAME:	Not reported
LAND PERSON FIRST NAME:	Not reported
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Not reported
LAND LINE1:	Not reported
LAND LINE2:	Not reported
LAND CITY:	Not reported
LAND STATE:	Not reported
LAND ZIP:	Not reported
LAND COUNTRY:	Not reported
LAND PHONE NBR:	Not reported
LAND ORGANIZATION TYPE:	Not reported
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Not reported
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Not reported
OPERATOR LINE1:	Not reported
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR COUNTRY:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRCREST VILLAGE CLEANERS (Continued)

1001490397

OPERATOR PHONE NBR:	Not reported
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Not reported
SITE CONTACT FIRST NAME:	Not reported
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Not reported
SITE CONTACT LINE1:	Not reported
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Not reported
SITE CONTACT STATE:	Not reported
SITE CONTACT ZIP:	Not reported
SITE CONTACT COUNTRY:	Not reported
SITE CONTACT PHONE NBR:	Not reported
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Not reported
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Not reported
FORM CONTACT LINE1:	Not reported
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Not reported
FORM CONTACT STATE:	Not reported
FORM CONTACT ZIP:	Not reported
FORM CONTACT COUNTRY:	Not reported
FORM CONTACT PHONE NBR:	Not reported
FORM CONTACT EMAIL:	Not reported
GEN STATUS CD:	Not reported
MONTHLY GENERATION:	Not reported
BATCH GENERATION:	Not reported
ONE TIME GENERATION:	Not reported
TRANSPORTS OWN WASTE:	Not reported
TRANSPORTS OTHERS WASTE:	Not reported
RECYCLER ONSITE:	Not reported
TRANSFER FACILITY:	Not reported
PBR:	Not reported
TBG:	Not reported
MIXED RADIOACTIVE:	Not reported
IMPORTER:	Not reported
TSDR FACILITY:	Not reported
IMMEDIATE RECYCLER:	Not reported
GEN DANG FUEL:	Not reported
GEN MARKET TO BURNER:	Not reported
GEN OTHER MARKETERS:	Not reported
UTILITY BOILER BURNER:	Not reported
INDUSTRY BOILER BURNER:	Not reported
FURNACE BURNER:	Not reported
SMELTER DEFERRAL:	Not reported
SMALL QTY EXEMPTION:	Not reported
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	Not reported
UW THERMOSTATS GEN:	Not reported
UW MERCURY GEN:	Not reported
UW LAMPS GEN:	Not reported
UW BATTERY ACCUM:	Not reported
UW THERMOSTATS ACCUM:	Not reported
UW MERCURY ACCUM:	Not reported
UW LAMPS ACCUM:	Not reported
UW DESTINATION FACILITY:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRCREST VILLAGE CLEANERS (Continued)

1001490397

OFF SPEC UTILITY BOILER: Not reported
OFF SPEC INDUSTRY BOILER: Not reported
OFF SPEC FURNACE: Not reported
USED OIL TRANSPORTER: Not reported
USED OIL TRANSFER FACILITY: Not reported
USED OIL PROCESSOR: Not reported
USED OIL REREFINER: Not reported
USED OIL FUEL MARKETER DIR SHIPMENTS: Not reported
USED OIL FUEL MARKETER MEETS SPECS: Not reported
Comment: Not reported
Fed: Not reported
Stat: Not reported

RCRA-CESQG:

Date form received by agency: 03/01/1996
Facility name: FIRCREST VILLAGE CLEANERS
Facility address: 1105A REGENTS BLVD
TACOMA, WA 98466
EPA ID: WAD980984025
Mailing address: 1105 REGENTS BLVD
TACOMA, WA 98466-6031
Contact: YONG NAM CHOE
Contact address: 1105 REGENTS BLVD
TACOMA, WA 98466-6031
Contact country: US
Contact telephone: (253)565-8102
Contact email: Not reported
EPA Region: 10
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRCREST VILLAGE CLEANERS (Continued)

1001490397

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

F18
East
1/4-1/2
0.271 mi.
1432 ft.

BP EXPLORATION OIL INC 03116
1033 REGENTS BLVD
FIRCREST, WA 98499

CSCSL NFA S104971948
N/A

Site 1 of 2 in cluster F

Relative:
Lower

CSCSL NFA:
Facility/Site Id: 1364
NFA Type: NFA after assessment, IRAP, or VCP
NFA Date: 6/29/1995
Rank: Not reported
VCP: Not reported

Actual:
278 ft.

F19
East
1/4-1/2
0.271 mi.
1432 ft.

EXXON #7 7017
1033 REGENTS BLVD.
TACOMA, WA 98466

ICR S103505477
N/A

Site 2 of 2 in cluster F

Relative:
Lower

ICR:
Date Ecology Received Report: 03/14/1994
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: 93-21
County Code: 27.00000
Contact: Not reported
Report Title: Not reported

Actual:
278 ft.

Date Ecology Received Report: 01/10/1994
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: 93-17
County Code: 27.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/08/1994
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: 93-33
County Code: 27.00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON #7 7017 (Continued)

S103505477

Contact: Not reported
Report Title: Not reported

**20
SW
1/4-1/2
0.324 mi.
1711 ft.**

**WESTMARK CONSTRUCTION
7010 W 27TH ST
TACOMA, WA 98466**

**LUST U003355804
UST N/A
ICR**

**Relative:
Higher**

LUST:
FS ID: 75388371
Facility ID: 9182
Release ID: 4234
Alternate Name: MERRIT NELSON COMPANY
Release Notification Date: 02/01/93
Release Status Date: 11/25/92
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.23527000 / -122.53061000

**Actual:
358 ft.**

FS ID: 75388371
Facility ID: 9182
Release ID: 4234
Alternate Name: MERRIT NELSON COMPANY
Release Notification Date: 02/01/93
Release Status Date: 02/01/93
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.23527000 / -122.53061000

UST:

Facility ID: 75388371
Site ID: 9182
Lat Deg: 47
Lat Min: 14
Lat Sec: 6
Long Deg: 122
Long Min: 31
Long Sec: 50
UBI: Not reported
Phone Number: 2065641616

Tank ID: 11128
Tank Name: 1ASPHALT
Install Date: 1/1/1974
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTMARK CONSTRUCTION (Continued)

U003355804

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

Tank ID: 12433
Tank Name: G-102
Install Date: 12/31/1964
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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

Tank ID: 12692
Tank Name: G-103
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Not reported
Tank Spill Prevention: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTMARK CONSTRUCTION (Continued)

U003355804

Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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

Tank ID: 12730
Tank Name: G-101
Install Date: 12/31/1964
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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

Tank ID: 4160
Tank Name: D-202
Install Date: 12/31/1964
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001
Tank Pumping System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTMARK CONSTRUCTION (Continued)

U003355804

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: Not reported
Pipe Material: Steel
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

Tank ID: 4224
Tank Name: D-201
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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

Tank ID: 4285
Tank Name: D-203
Install Date: 12/31/1964
Capacity: 111 TO 1,100 Gallons
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
Tank Permit Expiration Date: 1/1/0001
Tank Closure Date: 1/1/0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTMARK CONSTRUCTION (Continued)

U003355804

Tank Pumping System: Not reported
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: Not reported
Pipe Material: Steel
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

ICR:

Date Ecology Received Report: 02/01/1993
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: 92-44
County Code: 27.00000
Contact: Not reported
Report Title: Not reported

G21
SW
1/4-1/2
0.396 mi.
2092 ft.

UNIVERSITY PLACE REFUSE SVC
2815 ROCHESTER ST W
TACOMA, WA 98466
Site 1 of 2 in cluster G

LUST **U003353018**
UST **N/A**
ICR

Relative:
Higher

LUST:

Actual:
356 ft.

FS ID: 43933488
Facility ID: 10531
Release ID: 3140
Alternate Name: UNIVERSITY PLACE REFUSE
Release Notification Date: 12/24/90
Release Status Date: 12/24/90
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: SOUTHWEST
Lat/Long: 47.23390000 / -122.53165000

FS ID: 43933488
Facility ID: 10531
Release ID: 3140
Alternate Name: UNIVERSITY PLACE REFUSE
Release Notification Date: 12/24/90
Release Status Date: 08/24/00
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: SOUTHWEST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY PLACE REFUSE SVC (Continued)

U003353018

Lat/Long: 47.23390000 / -122.53165000

UST:

Facility ID: 43933488
Site ID: 10531
Lat Deg: 47
Lat Min: 14
Lat Sec: 2
Long Deg: 122
Long Min: 31
Long Sec: 53
UBI: Not reported
Phone Number: 2065643212

Tank ID: 32350
Tank Name: 1
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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

Tank ID: 32546
Tank Name: 2
Install Date: 12/31/1964
Capacity: Not reported
Tank Upgrade Date: 1/1/0001
TankSystem Status: Removed
TankSystem Status Change Date: 8/26/1996
Tank Status: Removed
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: Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSITY PLACE REFUSE SVC (Continued)

U003353018

Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Pipe Material: Steel
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

ICR:

Date Ecology Received Report: 08/24/2000
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: 98-28
County Code: 27.00000
Contact: Not reported
Report Title: Underground Storage Tank Removal

G22
SW
1/4-1/2
0.398 mi.
2103 ft.

UNIVERSITY PLACE REFUSE AND RECYCLING TRANSFER FAC
2815 ROCHESTER W.
UNIVERSITY PLACE, WA 98466
Site 2 of 2 in cluster G

SWF/LF **S108276746**
N/A

Relative:
Higher

SWF/LF:
Region: STATE
Region: SWRO
Primary Contact: False
Status: Active
Contact Address1: 3629 South D Street, MS 304
Contact Address2: Not reported
Contact City: Tacoma
Contact State: WA
Contact Postal: 98418-6813
Contact EMail: jwright@tpchd.org
Facility ID: 609
Public/Private: Not reported
Type: Transfer Station
Contact Name: John Wright
Contact Title: Environmental Health Specialist
C Phone: 253-798-6457

Actual:
356 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

23
 WSW
 1/2-1
 0.531 mi.
 2805 ft.

ARCO 4335
2623 BRIDGEPORT WAY W
TACOMA, WA 98466

SHWS 1004794441
FINDS WAD988514642
VCP
MANIFEST
RCRA-NonGen

Relative:
Higher

CSCSL:

Actual:
328 ft.

Facility ID:	97283829
Region:	Southwest
Entered Date:	11/1/2000
Updated Date:	12/7/2007
Brownfield Status:	0
VCP Status:	VCP
Rank Status:	Not reported
PSI Status:	Not reported
Clean Method:	Not reported
Drinking Water Type:	Not reported
Cleanup Standard:	Not reported
Acres Remediated:	Not reported
Lat/Long (dms):	47 14 8 / 122 32 12
Media Status Desc:	1/1/0001
Affected Media:	Soil
Affected Media Status:	Confirmed
Pesticides:	Not reported
Petroleum Products:	Confirmed
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	SOUTHWEST
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	RA in Progress
Independent Site Status (independent cleanup):	Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO 4335 (Continued)

1004794441

corrective action activities required under RCRA.

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

VCP:

Facility ID: 97283829
VCP Status: VCP
VCP: Not reported
Ecology Status: RA in Progress

WA MANIFEST:

Facility Site ID Number: 97283829
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
"Other marketers (i.e., blender, distributor, etc.)": No
Utility boiler burner: No
Industry boiler burner: No
Industrial Furnace: No
Smelter deferral: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No
Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No
EPA ID: WAD988514642
Facility Address 2: Not reported
TAX REG NBR: 409018414
NAICS CD: 44711
BUSINESS TYPE: Gas station with store.
MAIL NAME: BP West Coast Products LLC
MAIL ADDR LINE1: PO BOX 6038
MAIL CITY,ST,ZIP: ARTESIA, CA 90702-6038
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: BP West Coast Products LLC
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: PO BOX 6038

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO 4335 (Continued)

1004794441

LEGAL CITY,ST,ZIP: ARTESIA, CA 90702-6038
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (714)670-3958
LEGAL EFFECTIVE DATE: 7/10/1996
LAND ORG NAME: BP West Coast Products LLC
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: PO BOX 6038
LAND CITY,ST,ZIP: ARTESIA, CA 90702-6038
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (714) 670-5283
OPERATOR ORG NAME: Hadi Inc
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 2623 Bridgeport Way W
OPERATOR CITY,ST,ZIP: Tacoma, WA 98466
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 253-564-1179
OPERATOR EFFECTIVE DATE: 1/14/1999
SITE CONTACT NAME: Teresa Santana
SITE CONTACT ADDR LINE1: PO BOX 6038
SITE CONTACT ZIP: ARTESIA, CA 90702
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 714-670-3958
SITE CONTACT EMAIL: santanta@bp.com
FORM CONTACT NAME: Teresa Santana
FORM CONTACT ADDR LINE1: PO BOX 6038
FORM CONTACT CITY,ST,ZIP: ARTESIA, CA 90702
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 714-670-3958
FORM CONTACT EMAIL: santanta@bp.com
GEN STATUS CD: XQG
MONTHLY GENERATION: No
BATCH GENERATION: No
ONE TIME GENERATION: No
TRANSPORTS OWN WASTE: No
TRANSPORTS OTHRS WASTE: No
RECYCLER ONSITE: No
TRANSFER FACILITY: No
OTHER EXEMPTION: Not reported
UW BATTERY GEN: No
USED OIL TRANSPORTER: No
USED OIL TRANSFER FACILITY: No
USED OIL PROCESSOR: No
USED OIL REREFINER: No
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No
USED OIL FUEL MRKTR MEETS SPECS: No

Facility Site ID Number: 97283829
Permit by Rule: FALSE
Treatment by Generator: FALSE
Mixed radioactive waste: FALSE
Importer of hazardous waste: FALSE
Immediate recycler: FALSE
Treatment/Storage/Disposal/Recycling Facility: FALSE
Generator of dangerous fuel waste: FALSE
Generator marketing to burner: FALSE
"Other marketers (i.e., blender, distributor, etc.)": FALSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO 4335 (Continued)

1004794441

Utility boiler burner: FALSE
Industry boiler burner: FALSE
Industrial Furnace: FALSE
Smelter defferal: FALSE
Universal waste - batteries - generate: FALSE
Universal waste - thermostats - generate: FALSE
Universal waste - mercury - generate: FALSE
Universal waste - lamps - generate: FALSE
Universal waste - batteries - accumulate: FALSE
Universal waste - thermostats - accumulate: FALSE
Universal waste - mercury - accumulate: FALSE
Universal waste - lamps - accumulate: FALSE
Destination Facility for Universal Waste: FALSE
Off-specification used oil burner - utility boiler: FALSE
Off-specification used oil burner - industrial boiler: FALSE
Off-specification used oil burner - industrial furnace: FALSE
EPA ID: WAD988514642
Facility Address 2: Not reported
TAX REG NBR: 409018414
NAICS CD: 44711
BUSINESS TYPE: Gas station with store.
MAIL NAME: BP West Coast Products LLC
MAIL ADDR LINE1: PO BOX 6038
MAIL CITY,ST,ZIP: ARTESIA, CA 90702-6038
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: BP West Coast Products LLC
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: PO BOX 6038
LEGAL CITY,ST,ZIP: ARTESIA, CA 90702-6038
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (714)670-3958
LEGAL EFFECTIVE DATE: 7/10/1996
LAND ORG NAME: BP West Coast Products LLC
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: PO BOX 6038
LAND CITY,ST,ZIP: ARTESIA, CA 90702-6038
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (714) 670-5283
OPERATOR ORG NAME: Hadi Inc
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 2623 Bridgeport Way W
OPERATOR CITY,ST,ZIP: Tacoma, WA 98466
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 253-564-1179
OPERATOR EFFECTIVE DATE: 1/14/1999
SITE CONTACT NAME: Teresa Santana
SITE CONTACT ADDR LINE1: PO BOX 6038
SITE CONTACT ZIP: ARTESIA, CA 90702
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 714-670-3958
SITE CONTACT EMAIL: santanta@bp.com
FORM CONTACT NAME: Teresa Santana
FORM CONTACT ADDR LINE1: PO BOX 6038
FORM CONTACT CITY,ST,ZIP: ARTESIA, CA 90702
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 714-670-3958

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO 4335 (Continued)

1004794441

FORM CONTACT EMAIL: santanta@bp.com
GEN STATUS CD: XQG
MONTHLY GENERATION: FALSE
BATCH GENERATION: FALSE
ONE TIME GENERATION: FALSE
TRANSPORTS OWN WASTE: FALSE
TRANSPORTS OTHRS WASTE: FALSE
RECYCLER ONSITE: FALSE
TRANSFER FACILITY: FALSE
OTHER EXEMPTION: Not reported
UW BATTERY GEN: FALSE
USED OIL TRANSPORTER: FALSE
USED OIL TRANSFER FACILITY: FALSE
USED OIL PROCESSOR: FALSE
USED OIL REREFINER: FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE
USED OIL FUEL MRKTR MEETS SPECS: FALSE

RCRA-NonGen:

Date form received by agency: 12/31/2005
Facility name: ARCO 4335
Facility address: 2623 BRIDGEPORT WAY W
TACOMA, WA 984664719
EPA ID: WAD988514642
Mailing address: PO BOX 6038
ARTESIA, CA 907026038
Contact: TERESA SANTANA
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (714) 670-3958
Contact email: santanta@bp.com
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BP WEST COAST PRODUCTS LLC
Owner/operator address: PO BOX 6038
ARTESIA, CA 90702
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/10/1996
Owner/Op end date: Not reported
Owner/operator name: HADI INC
Owner/operator address: 2623 BRIDGEPORT WAY W
TACOMA, WA 98466
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/14/1999
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO 4335 (Continued)

1004794441

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:

Date form received by agency: 03/29/2004
Facility name: ARCO 4335
Classification: Unverified

Date form received by agency: 12/31/2003
Facility name: ARCO 4335
Classification: Not a generator, verified

Date form received by agency: 02/10/2003
Facility name: ARCO 4335
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/29/2002
Facility name: ARCO 4335
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/28/2001
Facility name: ARCO 4335
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO 4335 (Continued)

1004794441

Date form received by agency: 03/02/2000
Facility name: ARCO 4335
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/22/1999
Facility name: ARCO 4335
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/13/1998
Facility name: ARCO 4335
Classification: Unverified

Date form received by agency: 03/19/1997
Facility name: ARCO 4335
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/09/1996
Facility name: ARCO 4335
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/1993
Facility name: ARCO 4335
Classification: Small Quantity Generator

Violation Status: No violations found

24
SSW
1/2-1
0.744 mi.
3930 ft.

HIDDEN HILLS APARTMENTS
3313 72ND AVE CT W
UNIVERSITY PLACE, WA 98466

SHWS S104320438
N/A

Relative:
Higher

CSCSL:
Facility ID: 6959438
Region: Southwest
Entered Date: 10/1/1999
Updated Date: 8/1/2006
Brownfield Status: 0
VCP Status: Not reported
Rank Status: Not reported
PSI Status: Not reported
Clean Method: Not reported
Drinking Water Type: Not reported
Cleanup Standard: Not reported
Acres Remediated: Not reported
Lat/Long (dms): 47 13 49 / 122 31 54
Media Status Desc: 9/22/2006
Affected Media: Soil
Affected Media Status: Confirmed
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: SOUTHWEST
Arsenic Code: Confirmed
MTBE Code: Not reported

Actual:
363 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIDDEN HILLS APARTMENTS (Continued)

S104320438

UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting SHA
Independent Site Status (independent cleanup):	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FIRCREST	S108165009	FIRCREST GREENS	4157XXX ALAMEDA AVE W	98466	NPDES
FIRCREST	S108166329	SOUND BUILT HMS COMMONS AT FIRCREST	SW INTERSECTION EMERSON / ORCHARD	98466	NPDES
PIERCE COUNTY	S108108022	PURDY COMPOST FACILITY	14515 54TH AVE NW		SWF/LF
PIERCE COUNTY	S108276716	FIFE SAND & GRAVEL PCS	3120 FREEMAN ROAD EAST		SWF/LF
PIERCE COUNTY	S108276732	MCCHORD INERT WASTE LANDFILL	MCCHORD AFB		SWF/LF

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.

FEDERAL RECORDS

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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2008
	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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/04/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Quarterly

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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/28/2008
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/19/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: No Update Planned

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: 01/09/2008	Source: EPA
Date Data Arrived at EDR: 02/05/2008	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 04/25/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

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: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/17/2008
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/16/2008
	Data Release Frequency: Quarterly

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: 02/08/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/07/2008	Telephone: 202-564-6023
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007	Source: EPA
Date Data Arrived at EDR: 12/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 64	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

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: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

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: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-0695
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	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: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-0695
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

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: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/22/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 07/21/2008
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 10/31/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2008	Telephone: 202-366-4555
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 04/16/2008
Number of Days to Update: 60	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

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

Date of Government Version: 02/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/27/2008	Telephone: 202-366-4595
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/28/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

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: 01/03/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/30/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 06/30/2008
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: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/22/2008
Next Scheduled EDR Contact: 07/21/2008
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: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
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: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
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: 02/07/2008
Date Data Arrived at EDR: 03/26/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/26/2008
Next Scheduled EDR Contact: 06/23/2008
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
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: 04/28/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Every 4 Years

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: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
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: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 05/01/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/04/2008	Source: EPA
Date Data Arrived at EDR: 01/10/2008	Telephone: (206) 553-1200
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 03/03/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/02/2008
	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: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 03/13/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

CSCSL: Confirmed & 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: 02/12/2008	Source: Department of Ecology
Date Data Arrived at EDR: 02/14/2008	Telephone: 360-407-7200
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/14/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

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: 02/27/2008	Source: Department of Ecology
Date Data Arrived at EDR: 03/20/2008	Telephone: 360-407-7200
Date Made Active in Reports: 04/23/2008	Last EDR Contact: 03/05/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CSCSL NFA: Confirmed & 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.

Date of Government Version: 03/17/2008	Source: Department of Ecology
Date Data Arrived at EDR: 04/08/2008	Telephone: 360-407-7170
Date Made Active in Reports: 04/23/2008	Last EDR Contact: 03/18/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Semi-Annually

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: 01/09/2008	Source: Department of Ecology
Date Data Arrived at EDR: 01/11/2008	Telephone: 360-407-6132
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Annually

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: 04/03/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

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: 03/11/2008	Source: Department of Ecology
Date Data Arrived at EDR: 03/13/2008	Telephone: 360-407-7183
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 03/13/2008
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Quarterly

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: 03/20/2008	Source: Department of Ecology
Date Data Arrived at EDR: 03/20/2008	Telephone: 360-407-7183
Date Made Active in Reports: 04/30/2008	Last EDR Contact: 03/20/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/09/2008
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/28/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

WA MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 05/24/2007
Date Made Active in Reports: 06/19/2007
Number of Days to Update: 26

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Annually

SPILLS: Reported Spills

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

Date of Government Version: 01/03/2008
Date Data Arrived at EDR: 01/04/2008
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Semi-Annually

INST CONTROL: Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 03/18/2008
Date Data Arrived at EDR: 03/18/2008
Date Made Active in Reports: 04/23/2008
Number of Days to Update: 36

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: No Update Planned

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: 03/17/2008
Date Data Arrived at EDR: 04/08/2008
Date Made Active in Reports: 04/23/2008
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 03/18/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Varies

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: 12/31/2006
Date Data Arrived at EDR: 05/24/2007
Date Made Active in Reports: 06/19/2007
Number of Days to Update: 26

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/12/2008	Source: Department of Ecology
Date Data Arrived at EDR: 02/14/2008	Telephone: 360-725-4030
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/14/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Varies

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: 02/22/2008	Source: Department of Health
Date Data Arrived at EDR: 03/06/2008	Telephone: 360-236-3380
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 03/06/2008
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: Varies

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 02/12/2008	Source: Department of Ecology
Date Data Arrived at EDR: 02/14/2008	Telephone: 360-407-6073
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/14/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2005	Source: Department of Ecology
Date Data Arrived at EDR: 01/17/2007	Telephone: 360-407-6040
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 04/14/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/14/2008
	Data Release Frequency: Annually

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	Source: Department of Health
Date Data Arrived at EDR: 06/26/2007	Telephone: 360-236-3381
Date Made Active in Reports: 07/19/2007	Last EDR Contact: 03/03/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/02/2008
	Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 12/31/2006	Source: Department of Ecology
Date Data Arrived at EDR: 05/24/2007	Telephone: 360-407-6732
Date Made Active in Reports: 06/19/2007	Last EDR Contact: 02/11/2008
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIBAL RECORDS

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: 02/08/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Semi-Annually

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: 02/25/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/21/2008	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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: 02/20/2008	Source: EPA Region 8
Date Data Arrived at EDR: 03/04/2008	Telephone: 303-312-6271
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/19/2008
	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: 02/25/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-6597
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

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: 03/12/2008	Source: EPA Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/21/2008	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-9424
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-7591
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/12/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 12/21/2007

Date Data Arrived at EDR: 12/21/2007

Date Made Active in Reports: 01/24/2008

Number of Days to Update: 34

Source: EPA Region 5

Telephone: 312-886-6136

Last EDR Contact: 12/21/2007

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/20/2008

Date Data Arrived at EDR: 03/04/2008

Date Made Active in Reports: 03/17/2008

Number of Days to Update: 13

Source: EPA Region 8

Telephone: 303-312-6137

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/25/2008

Date Data Arrived at EDR: 02/26/2008

Date Made Active in Reports: 03/20/2008

Number of Days to Update: 23

Source: EPA Region 9

Telephone: 415-972-3368

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Quarterly

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

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

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

KITSAP COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Water Wells in Kitsap County

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

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

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.

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: 08/01/2007
Date Data Arrived at EDR: 01/30/2008
Date Made Active in Reports: 01/31/2008
Number of Days to Update: 1

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 04/18/2008
Next Scheduled EDR Contact: 07/14/2008
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

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

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.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 03/14/2008
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/09/2008
	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: 02/15/2008	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/28/2008	Telephone: 518-402-8651
Date Made Active in Reports: 04/09/2008	Last EDR Contact: 02/28/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/21/2007	Telephone: N/A
Date Made Active in Reports: 01/10/2008	Last EDR Contact: 03/10/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/27/2007	Telephone: N/A
Date Made Active in Reports: 06/08/2007	Last EDR Contact: 04/07/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/07/2008
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: 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.

STREET AND ADDRESS INFORMATION

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APPENDIX E

Site Photographs



Photo #1 The parking lot near Mildred Street West and the west side of the main building



Photo #2 A catch basin in the parking lot



Photo #3 The undeveloped area south of the main building followed by office buildings in the background



Photo #4 A paved drive east of the main building with the painting building in the background



Photo #5 Floor drains in the painting building



Photo #6 The paint storage building and a power pole with a transformer



Photo #7 The battery storage shed



Photo #8 The paint storage shed



Photo #9 The drum storage area



Photo #10 The catch basin in the drum storage area



Photo #11 A storage room in the main building



Photo #12 The compass room in the main building



Photo #13 A storage area in the main building



Photo #14 One of the sinks connected to the septic system



Photo #15 The northern portion of the site with the Pace Industries property in the background



Photo #16 The view from the eastern portion of the site looking west towards the developed portion of the site



Photo #17 Looking towards the northeast corner with off-site office buildings in the background



Photo #18 The drainage ditch along the eastern site boundary

APPENDIX F

Credentials

JON M. EINARSEN, PH.D., P.G.

SENIOR GEOLOGIST

PROFESSIONAL EXPERIENCE

Dr. Einarsen specializes in technical and regulatory assistance for the remediation of contaminated sites, and for the evaluation of human activities on slope stability and groundwater resources. His responsibilities include project management, engineering geology, environmental geology, and hydrogeology on projects including environmental site assessment, site characterization, and site remediation; geologic hazard assessment, groundwater and hydrogeologic investigations; and voluntary cleanup and independent remedial action under the Model Toxics Control Act.

PROJECT EXPERIENCE

- **Feasibility Study, Chlorinated Solvent Impacted Groundwater – Portland, Oregon**

The objectives of this Feasibility Study (FS) were to identify a range of remedial action alternatives for a proposed retail site with chlorinated solvent impacted groundwater, and to document and develop the information necessary to implement appropriate remedial action consistent with Oregon State regulations. Our scope of services for this FS included: completion of a human health risk assessment; development of remedial action objectives; development and screening of remedial action alternatives; evaluation of potentially protective and implementable alternatives, and; recommendation of a preferred remedial action alternative. ZZA successfully demonstrated that natural attenuation of chlorinated solvents, in part due to reductive dechlorination of parent compounds and oxidation of daughter products, was sufficiently protective of human health and the environment. The Oregon Department of Environmental Quality issued a Record of Decision (ROD) for the site in 2006, approving our proposed remedial action alternative, consisting of Monitored Natural Attenuation (MNA). MNA will provide an enormous cost savings to our client relative to more aggressive remedial action alternatives.

- **Site Characterization, Residual Pesticides – Auburn, Washington**

Jon Einarsen managed a Phase I Environmental Site Assessment at this site in 2006. Based on past use the site for agricultural purposes, and in accordance with our client's environmental criteria, he also designed and implemented a Limited Phase II ESA to evaluate the presence or absence of residual chlorinated pesticides, organophosphorous pesticides, and chlorinated herbicides in native soil (located under approximately 10 feet of imported soils) and groundwater on the 12 acre site. Due to an imminent real estate closing, the project had to be completed in less than five days. Using two Geoprobes, we completed 20 subsurface explorations and installed five dedicated groundwater monitoring wells. The subsurface investigation was completed 28 hours after our notification to proceed. Soil and groundwater samples were analyzed using 24-hour turnaround times. Interpretation of analytical results revealed that certain pesticides were present in detectable concentrations in both soil and groundwater, but in concentrations below applicable cleanup levels. We successfully transmitted a report to our client within the five days allotted for the project, and the real estate transaction closed on schedule.

EDUCATION

Ph.D., Geology, University of Calgary, 1995

M.S., Geology, Western Washington University, 1987

B.S., Geology, University of Washington, 1983

REGISTRATIONS

Professional Geologist, Washington

Professional Engineering Geologist, Washington

Professional Hydrogeologist, Washington

Washington State Department of Ecology Registered Site Assessor (2/95)

Washington State Dept. of Ecology UST Decommissioning License (2/95)

40-Hour Health and Safety Training for Hazardous Waste Sites, 1992, with yearly 8-Hour Refresher Course 1993-2005.

WORK HISTORY

Terracon, Senior Geologist, 2006-present

Zipper Zeman Associates, Inc., Senior Geologist, 2004-2006

Adept GeoScience, Principal, 2001-2004

BEK Engineering, Principal, 1997-2001

W.D. Purnell & Associates, Geologist, 1992-1997

- **UST Site Assessment, City of Everett Right-of-Way - Everett, Washington**

Two underground storage tanks (USTs) were discovered in the City of Everett right-of-way adjacent to Colby Avenue in October 2001 during the course of a sidewalk improvement project. The USTs presented a serious problem to the contractor due to time constraints on the project, and because the UST excavation partially blocked access to several businesses. We responded to the project site on the same day the tanks were discovered. We discussed the potential environmental liabilities with the contractor and City representatives, and the City elected to remove the tanks and complete a Site Assessment prior to restoring the sidewalk. The USTs were removed 4 days after discovery. Subsequent soil samples collected from the floor and sidewalls of the excavation did not contain detectable concentrations of contaminants. The excavation was backfilled and the project was allowed to proceed in a timely manner.

- **Site Characterization & Cleanup, Former Gas Stations - Everett, Washington**

Jon Einarsen completed an environmental site assessment for three contiguous parcels located on Evergreen Way in Everett in September 2001. The purpose of the project was to facilitate a property transfer. Preliminary investigations indicated a high probability that previously unreported underground storage tanks (USTs) were located on two of the properties, based on past use of the properties as gas stations. The services of a geophysics contractor were retained, and three USTs were located using a magnetometer and ground penetrating radar. The USTs were removed in October, 2001. Minor soil contamination was discovered near one of the tanks, and was suspected to be present near the former location of a fuel pump island. In order to minimize the potential future liability of our client, we retained the services of a geoprobe contractor and conducted a focused site characterization in November 2001. Contaminated soil was indeed discovered near the former pump island and one of the tanks. The results of the site characterization were used to develop an appropriate plan of action to cleanup the site.

Cleanup was completed in November 2001 and a cleanup report was submitted to the Washington State Department of Ecology's Voluntary Cleanup Program in December 2001. Following review of our report, Ecology granted a "No Further Action" letter in March of 2002. The property transfer subsequently proceeded smoothly, and the subject property has been re-developed by the new owner.

PROJECT EXPERIENCE (continued)

- **Site Characterization & Cleanup, City of Everett Right-Of-Way - Everett, Washington**

A cast iron foundry located adjacent to the City of Everett right-of-way (ROW) was operated continuously from 1923 until the spring of 2002. The adjacent ROW was used more or less continuously to store finished cast iron products since 1946. Although the cast iron foundry processes are relatively non-polluting, the specifications for finished products generally required that the products be coated with an asphaltic compound to provide a measure of weather resistance. This compound generally consists of asphalt thinned with mineral spirits. Based on past use of the adjacent property as a cast iron foundry and the specific methods utilized at the foundry, and further based on a site characterization completed in 2002, potential contaminants of concern (PCOC) within the ROW consisted of volatile and semi-volatile total petroleum hydrocarbons (TPH), polycyclic aromatic hydrocarbons (PAH), and metals. Soil excavation and

disposal was completed in 2002. A total of 966.45 tons of soil were removed and disposed at a licensed landfill during this project. The concentration of PCOC within residual soil in the ROW following the completion of the excavations were all below Method A cleanup levels. A "No Further Action" letter was granted by the Washington State Department of Ecology in March 2003.

- **Preliminary Cleanup and Remedial Investigation/Feasibility Study (RI/FS) - Whatcom County, Washington**

Supervised the excavation of contaminated soil and designed and supervised the implementation of a subsurface hydrogeologic investigation to document impacts to ground water due to the release of gasoline from a leaking underground storage tank at the Whatcom County Annex for the Whatcom County Facilities Management Office. The project included sampling soil and ground water from over twenty sampling locations and the installation of eight ground water monitoring wells. These data were used to delineate the extent of the contaminated ground water plume, and to evaluate the environmental risk and to designate an appropriate remedial response.

- **RI/FS and Voluntary Site Cleanup, Lake Samish - Whatcom County, Washington**

Supervised the implementation of a subsurface investigation to evaluate the impacts due to the release of heating oil from an above ground storage tank at a private residence located adjacent to Lake Samish. The fuel had migrated through the site soils into the lake, which is a local source of drinking water. This high profile project required a quick response under intense public scrutiny. Following emergency response to mitigate the further spread of fuel into the lake, supervised the excavation of contaminated soil. Implemented Ecology's Interim TPH Policy and negotiated MTCA site cleanup levels with Ecology. This project was completed under the Voluntary Cleanup Program and achieved "No Further Action" status from the Department of Ecology.

- **Site Characterization & Cleanup, Former Gas Station - Okanogan County, Washington**

Completed a Phase I Environmental Site Assessment and site characterization at this former gas station in the Spring of 2002. Our investigations revealed that the underground storage tanks and associated distribution piping had not leaked. However, a small area of the property had been used as dump site during the 1950's and 1960's, which resulted in significant soil contamination. The contamination was of particular concern to regulatory agencies because the property was located immediately adjacent to the Twisp River, a highly sensitive water body that contains endangered fish species. This project was also unusual in that we were retained jointly by the owner and prospective buyer. The cleanup was completed in June 2002. Following review of our report, Ecology granted a "No Further Action" letter in October 2002. The property has been re-development as a brew pub by the new owner.

- **On-Site Environmental Site Assessment, Everett Multi-Modal Transportation Station - Everett, Washington**

Jon Einarsen designed the protocol and supervised daily on-site environmental site assessment in support of site development activities completed by Wilder Construction Company for the 33 million dollar Everett Station. Prepared the Remedial Action Management Plan, which was the primary document utilized by on-site personnel to manage and control contaminated soil. Identified hydrocarbon contaminated soil using field techniques, supervised the excavation of contaminated soil and construction of temporary storage facilities to contain the contaminated soil. Developed a system to track the soil from point of excavation to point of final disposition. Acted as liaison between Wilder Construction Company and analytical laboratories. Provided other technical and regulatory assistance on an as-needed basis, including interpretation of the Model Toxics Control Act and the Interim TPH Policy as specifically applied to the project site.

- **Solid Waste Handling Permit Application and Plan of Operation, Regional Soil Bioremediation Facility - Whatcom County, Washington**

Completed a SEPA checklist and Conditional Use Permit Application to treat 4,000 cubic yards of hydrocarbon contaminated soil. We proposed to treat the soil using imported bacteria and by augmenting the nutrients within the soil. The Conditional Use Permit was approved, and the soil was successfully treated at a significant savings to the liable party. Following treatment of the soil, provided technical and regulatory assistance to our client in support of full-time operation of the bioremediation facility. Prepared the Whatcom County Solid Waste Handling Permit application, provided technical representation for our client in public hearings, and completed a detailed Plan of Operation for the facility. Designed and

supervised the installation of a ground water monitoring well network, and completed extensive ground water sampling and analysis to document background ground water quality conditions prior to start-up of the facility. The regional soil bioremediation received final operating permits in December of 1999.

- **Phase I & II Environmental Site Assessment, Proposed City of Bellingham Birchwood Park - Bellingham, Washington**

Completed Phase I and Phase II Environmental Site Assessments at the proposed Birchwood Park site for the City of Bellingham. The subject property consisted of approximately four acres, and had been used in the past as a lumber yard and lumber re-saw facility. Based on the results of the Phase I investigation, potential contaminants were determined to be hydrocarbon products, metals, polychlorinated biphenyl's (PCBs), and pentachlorophenol (PCP). A Phase II investigation was performed to quantify potential contaminants. Soil samples were collected from twenty-three test pits. Laboratory analytical results indicated that the only detectable contaminants were oil-range hydrocarbon products in the uppermost few inches of soil. The contamination did not present a risk of contamination to ground water underlying the subject property. Based on contaminant concentrations, we recommended that part of the soil be excavated and remediated, and that the remainder of the soil be overlain with a vegetative cover.

- **Phase II Environmental Site Assessment and Cleanup, Former Service Station - Bellingham, Washington**

Completed a Phase II Environmental Site Assessment and cleanup at this former gasoline station. Based on our knowledge that the site had been used as a gasoline station in the 1970's, we advised our client to proceed directly to a Phase II assessment. The Phase II investigation included the excavation of five test pits and installation of two ground water monitoring wells. Soil and ground water samples were analyzed for gasoline, diesel, oil, BTEX, and lead. Our investigation revealed that the ground water on the subject property was impacted by an adjacent operational gasoline station, and that a relatively minor amount of soil on the subject property had been contaminated by past usage of the project site. We were able to determine the source of soil contamination (a leaky pump fitting), and based on knowledge of soil conditions gained during the Phase II investigation, we were also able to successfully predict the shape of the contaminated zone, resulting in significant savings in the following cleanup action. We arranged for and supervised the excavation of contaminated soil, and also provided recommendations for the bioremediation and aeration of the contaminated soil. Subsequent to the site cleanup, we supervised the placement and compaction of imported soil such that a new building could be constructed on the project site.

- **Engineering Geology Investigation & Deep-Seated Landslide Analysis - Pierce County, Washington**

Completed an investigation within a proposed timber harvest unit where several small, deep-seated landslides were thought to exist. The area was particularly sensitive, because there was a high probability that any slope failures would deliver sediment directly into the Nisqually River, and thereby damage fragile salmon spawning habitat. Several field reconnaissance visits confirmed that small, deep-seated landslides were present. Dr. Einarsen completed extensive review of current and historic aerial photographs, and determined that the small failures were actually super-imposed on a much larger deep-seated landslide. Although it is generally assumed that logging may theoretically result in accelerated movement or re-activation of deep-seated landslides, primarily due to potential effects on the water table, actual processes whereby this may occur are poorly understood. An extensive review of the academic and professional literature failed to reveal significant quantitative information regarding the impacts of clear cut harvesting on deep-seated landslides. Dr. Einarsen designed a timber harvest program for the unit that allowed for selective harvest of parts of the area over time, while at the same time mitigating the effects of harvest on the deep-seated landslides. A timber harvest permit was issued following review of our report by the Washington State Department of Natural Resources.

- **Engineering Geology Reconnaissance, Forest Hydrogeology - Kitsap Peninsula, Washington**

Completed an engineering geology reconnaissance for a proposed harvest unit on the Kitsap Peninsula in February 2002. The investigation included analysis and discussion of hydrogeologic and slope stability conditions, erosion potential and storm water runoff potential from the areas to be logged, and conclusions and recommendations concerning mass wasting and erosion potential, logging and root strength retention issues within inner gorges, and storm water drainage. Several unstable areas were identified in the field and were excluded from the proposed harvest area, but most of the parcel was suitable for the harvest. Following review of our report a harvest permit for the parcel was granted by the Washington State Department of Natural Resources.

- **Hydrogeologic Investigation & Site Specific Dewatering Plan - Tulalip Casino, Washington**

Completed hydrogeologic investigations in support of several thousand feet of utility installations for the new Tulalip Casino. This project was exceptionally challenging due to the shallow water table (less than 4 feet below grade in areas) and deep dewatering requirements (up to 18 feet below grade). Additionally, the project was not allowed to discharge water to nearby surface drainage features, and all water had to be infiltrated back to the water table within the confines of the subject property. Dr. Einarsen designed and completed pumping tests in February and March 2002. Individual tests lasted up to three days and included the use of multiple pumping wells, data loggers, and pressure transducers. Following the completion of the pumping tests and analysis of the resultant data, provided pumping well and discharge point spacing recommendations to the engineering team and worked closely with their engineers to develop a detailed dewatering plan. Dewatering activities commenced in April, 2002 and proceeded smoothly to completion in October, 2002.

- **Engineering Geology Investigation & Slope Stability Modeling - Kitsap County, Washington**

Completed a hydrogeologic investigation in support of a timber harvest application in Kitsap County. Our field reconnaissance revealed that part of the subject property was underlain by deep-seated landslides. Further field investigation and aerial photo review suggested that the landslides were inactive, but that there was a potential the failures could be re-activated under clear cut conditions. We measured several topographic profiles and constructed a conceptual hydrogeologic and slope stability computer model using estimated soil physical characteristics. The model was designed to evaluate the factor of safety for a theoretical failure surface. Our analysis revealed that there was a negligible potential for re-activation of the deep-seated landslides. Following review of our report and several on-site meetings, a harvest permit for the parcel was granted by the Washington State Department of Natural Resources.

- **Engineering Geology Investigation, Abandoned Coal Mine Hazard Assessment - Bellingham, Washington**

Dr. Einarsen designed, supervised, and interpreted the results of a combined unconsolidated soil and bedrock boring investigation in downtown Bellingham for the City of Bellingham. The purpose of the project was to evaluate the potential hazards associated with abandoned coal mine workings thought to be present beneath the project site. The first phase of the investigation was designed to be a low cost method of investigating the subsurface soil and ground water conditions, depth to bedrock, existence of and depth to abandoned coal mines beneath the property, and thickness of the working stratum within the mine. The boring investigation indicated the existence of historic mining operations between 77 and 110 feet below the ground surface. Historical information was subsequently collected regarding the extent of mining operations in the vicinity of the subject property. Dr. Einarsen supervised the advancement of additional borings on an adjoining property to further identify potential mine workings. Bedrock was cored to depths of 125 and 165 feet. A third boring was advanced adjacent to one of the earlier borings to confirm the presence of a void (assumed to be coal mine workings) within the coal seam. Dr. Einarsen worked closely with the project geotechnical engineer who prepared alternative foundation designs to span the mine workings.

- **Hydrogeologic Investigation, Proposed Gravel Pit - Oak Harbor, Washington**

Completed a hydrogeologic investigation at the site of a proposed gravel pit in Island County to confirm that the floor elevation of the pit was within regulatory limits regarding separation from the underlying uppermost aquifer. Local hydrogeologic conditions were evaluated by review of existing well logs for the subject property and nearby properties, and by boring four exploratory wells on the subject property. Our investigation revealed that appropriate separation from the underlying aquifer could be achieved with minor modifications to our client's proposed grading plan. Following review of our report by the Island County Health Department, our client was granted a mining permit.

- **Hydrogeologic Investigation & Risk Assessment, Y-Road Landfills - Whatcom County, Washington**

Dr. Einarsen provided design and implementation of a hydrogeologic investigation for Whatcom County Public Works. The purpose of the project was to evaluate regional and local hydrogeologic conditions and evaluate the environmental risk presented to surface water and ground water by two abandoned municipal solid waste landfills. Scope of services included a review of existing information regarding hydrogeologic conditions and sampling of adjacent surface water and nearby domestic water supply wells. These data were used to prepare conceptual hydrogeologic models for confined and perched aquifers in the vicinity of the landfills. These models were subsequently evaluated to determine the risk presented to surface water by the landfills.

- **RI/FS, Holly Street Landfill Re-Development Project - Bellingham, Washington**

Part of a multi-firm consultant team chosen by the City of Bellingham to investigate environmental conditions and delineate re-development scenarios for this abandoned municipal solid waste landfill on the Bellingham Bay waterfront. Primary responsibilities included implementation of the project sampling and analysis plan for on-site soil and ground water, and for adjacent sediments in Whatcom Creek. Directed the installation of three ground water monitoring wells, and completed low-flow ground water sampling using the latest EPA "clean hands, dirty hands" methods.

- **Ground Water Modeling, Hilltop Wood Waste Landfill - Whatcom County, Washington**

Supervised the preparation of a computerized ground water flow model in support of proposed engineered improvements at this wood waste landfill. Project included the collection and analysis of aquifer data collected from slug and pumping tests on existing monitoring wells installed within a shallow, perched aquifer at the project site, and development of a computer model. The impact to ground water flow due to several alternative leachate control systems was evaluated, and a preferred leachate control alternative was recommended.

- **Hydrogeologic And Waste Characterization Investigation, Hilltop Wood Waste Landfill - Whatcom County, Washington**

Primary responsibilities for this project consisted of investigation design, project management, and supervision of field personnel. Negotiated location of exploratory boreholes and ground water monitoring wells and a Waste Sampling And Analysis Plan with client, the Whatcom County Health Department, and the Washington State Department of Ecology. Arranged for the services of laboratory and drilling contractors. Logged the subsurface geologic and hydrologic conditions encountered during drilling in nineteen boreholes. Ground water monitoring wells were installed in accordance with *Minimum Standards For Construction and Maintenance of Wells* (WAC 173-160) in two the boreholes. Soil samples collected were classified in accordance with ASTM D 2487-92 (*Classification of Soils for Engineering Purposes*), including use of the ASTM standards D 4221-90 (*Standard Test Method for Dispersive Characteristics of Clay Soil by Double Hydrometer*), D 2216 (*Method for Laboratory Determination of Water Content of Soil, Rock, and Soil-Aggregate Mixtures*), D 422-63 (*Standard Test Method for Particle-Size Analysis of Soils*), and D 4318 (*Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils*). Constant head permeability for selected soil samples was determined in our laboratory using the ASTM D 2434. (*Standard Test for Constant Head Permeability*) Selected soil, waste, leachate, and ground water samples were analyzed for metals, BTEX (benzene, ethyl benzene, toluene, and xylenes), volatile and semi-volatile organic compounds, PAH (poly-aromatic hydrocarbons), sulfate, nitrate, nitrite, nitrogen, conductivity, and pH. Additional relevant investigation for this project evaluation of regional and local ground water recharge and discharge areas for the shallow and deep aquifers underlying the site, and preparation of geologic cross-sections.

- **Landfill Monitoring - Whatcom County, Washington**

Provided project management for landfill monitoring services at the Cedarville Landfill for Whatcom County from 1995 to 1997 and from 1999 to 2001, and at the Hilltop and Airport Landfills for Georgia-Pacific West Corporation from 1992 to 2001. Services are conducted in accordance with the "Minimum Functional Standards for Solid Waste Handling" (WAC 173-304). Services include sampling and field monitoring of ground water, surface water, and landfill gas. Analytical parameters include volatile organic compounds, metals (iron, manganese, zinc, arsenic, barium, chromium, lead, mercury, copper, and nickel), chloride, nitrate, nitrite, ammonia, sulfate, total organic carbon, chemical oxygen demand, biological oxygen demand, fecal coliform, turbidity, total suspended solids, total dissolved solids, pH, conductivity, and temperature. The results of laboratory analyses are described in quarterly reports, and a summary of changes in parameter concentrations is prepared each year.

ALEX J. DEOME

STAFF GEOLOGIST

PROFESSIONAL EXPERIENCE

Mr. DeOme is a staff geologist in the Tacoma office. He conducts both research and writes Phase I and Phase II Environmental Site Assessments reports to comply with applicable environmental standards and regulations. He develops other environmental reports such as desktop NEPA reports and hydrogeologic reports.

Mr. DeOme also conducts field services such as logging borings and test pits, environmental sampling of soil and water, and geotechnical observation. He also has acted as a field engineer on numerous environmental and geotechnical projects. These projects included activities such as soil excavation, well installation, pile installation, and footing preparation.

Mr. DeOme has conducted numerous laboratory tests on construction materials. These tests include sieve analysis, proctors, and Atterburg limits.

Mr. DeOme also worked for the Washington State Department of Natural Resources. As a researcher and writer, he helped develop a geologic map for the Lake McMurray, WA quadrangle through field identification and interpretation of rocks and sediments throughout the quadrangle.

PROJECT EXPERIENCE

- **Capital Heights Retirement Village – Olympia, WA**
Assessment of hydrogeologic conditions and potential for groundwater contamination of the City of Olympia's public water source due to development of a retirement village.
- **Covington-Searcy Phase I and II – Covington, WA**
Responsible for research and writing of a Phase I report and planning, development, and writing of Phase II report including environmental drilling and groundwater sampling.
- **Eden Hill – Seattle, WA**
Assessment and sampling of material during excavation of an historic gas station site.
- **Tower Audit Tracker Phase II – OR, WA, and ID**
Responsible for research and writing of desktop NEPA reports throughout Oregon, Washington, and Idaho.
- **Roseburg Costco – Roseburg, OR**
Supervision of geotechnical drilling and well installation, groundwater monitoring, development of well logs, and soil sampling.
- **Whatcom Community College Soccer Field – Bellingham, WA**
Supervision of construction of a soccer field, stormwater detention system, and parking lot including field density testing and laboratory material testing.

EDUCATION

Bachelors of Science, Environmental Geology, 2004, Western Washington University

AFFILIATIONS

Association of Environmental and Engineering Geologists (AEG)

CERTIFICATIONS

40-Hour OSHA Hazardous Wastes Operations Training, Washington, 2006

Nuclear Density Gauge Training, Washington, 2004

EPA approved AHERA Building Inspector, 2007

WORK HISTORY

Terracon Consultants, Inc., 2006 – present

Washington State Department of Natural Resources, 2005

Construction Surveyors NW, Inc., 2004 – 2005

Merit Engineering, Inc., 2004

PUBLICATIONS/PRESENTATIONS

Geologic map of the McMurray 7.5-minute quadrangle, Skagit and Snohomish Counties, Washington, with a discussion of the evidence for Holocene activity on the Darrington–Devils Mountain fault zone, by J. D. Dragovich and A. J. DeOme. 2006. 33 x 36 in. color sheet, scale 1:24,000, with 18 p. text.