



Engineering +
Environmental

Phase I Environmental Site Assessment

3811 SE Concord Road
Milwaukie, Oregon 97267

Prepared for:
North Clackamas Parks and Recreation District
150 Beaver Creek Road
Oregon City, Oregon 97045

February 2017
Project No. 22627.001

4412 SW Corbett Avenue, Portland, OR 97239
503.248.1939 Main
866.727.0140 Fax
888.248.1939 Toll-Free
www.pbsenv.com

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The following acronyms and abbreviations are commonly used in PBS Phase I Environmental Site Assessment reports. Additional abbreviations and acronyms may be defined within the text.

AAI – All Appropriate Inquiry
ACBM – asbestos-containing building material
ACM – asbestos-containing material
AST – aboveground storage tank
ASTM – ASTM International (formerly American Society for Testing and Materials)
AUL – Activity and Use Limitation
bgs – below ground surface (depth below the ground surface)
CEG – conditionally exempt generator (of hazardous waste)
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act (EPA)
CR2K – Community Right-to-Know
CREC – controlled recognized environmental condition
DEQ – Oregon Department of Environmental Quality
ECSI – Environmental Cleanup Site Information (a DEQ database)
EDR – Environmental Data Resources (a regulatory database report provider)
EPA – Environmental Protection Agency
ESA – Environmental Site Assessment
HOT – heating oil tank
HREC – historical recognized environmental condition
LBP – lead-based paint
LQG – large-quantity generator (of hazardous waste)
LUST – leaking underground storage tank
mg/kg – milligrams per kilogram (equivalent to ppm)
NFA – No Further Action determination
NLR – no longer reporting
NonGen – non-generator of hazardous waste
PBS – PBS Engineering and Environmental
PCB – polychlorinated biphenyls
ppm – parts per million (equivalent to mg/kg)
RCRA – Resource Conservation and Recovery Act (EPA)
REC – recognized environmental condition
SQG – small-quantity generator (of hazardous waste)
USGS – United States Geological Survey
UST – underground storage tank

EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment was conducted by PBS Engineering and Environmental Inc. for the property ("site" or "*subject property*") located at 3811 SE Concord Road in Milwaukie, Oregon. The assessment was conducted for North Clackamas Parks and Recreation District.

Property Description and Current Use

The subject property is a 5.97-acre parcel that is occupied by a vacant two-story school building constructed in 1936. The building is heated by a steam system that is currently fueled by natural gas. Exterior areas include covered and uncovered paved play areas, landscaping, athletic fields, and paved parking. A fill port and a vent pipe related to an underground storage tank (UST) were observed along the southeast corner of the building, and these features were reported to be associated with an out-of-use heating oil UST. There is also an out-of-use gasoline tank located in the southeast portion of the property.

Historical Use – Subject Property

The subject property was occupied by Concord Elementary School by the late 1930s, with an unidentified building on site through the early 1940s. In the 1950s, the school was expanded to form its current configuration. The school has been unoccupied since 2014.

Historical records indicate that two USTs were located on the subject property, one for heating oil and the other for gasoline. Both tanks have been out of use for an unknown amount of time, and have reportedly been emptied. There is no record of the removal of the tanks.

Historical Use – Adjoining Properties

The north-adjacent property was in agricultural use by the late 1930s. This use continued through the early 1940s, when the property became fallow. Residential use began in the 1950s.

The adjoining properties to the east and south were in residential use by the late 1930s, with agricultural use also on the east-adjacent property during that time. By the early 1940s, the properties were in residential and orchard use. The orchards were removed by the late 1950s (east-adjacent property) and the late 1970s (south-adjacent property). These properties have remained in residential use since that time.

The southwest-adjacent property was occupied by a large storage building by the late 1930s. This building was removed by the early 1940s, and the property began residential and orchard use. Commercial use began in the early 1980s, when the residences were removed and the existing commercial building was constructed. Tenants of the commercial building have primarily included a hair salon, restaurants, and a copying and printing company. A dry cleaner occupied the property from the early 1970s through the early 2000s.

The west- and northwest-adjacent properties were occupied by a residence and a holly and livestock farm by the late 1930s. These uses continued through the early 1980s, when commercial use began. Tenants have primarily included Goodwill, Walmart, an office supplies store, and a hardware store.

Regulatory Review

United States EPA and state environmental databases were reviewed to identify sites that pose a potential environmental concern to the subject property due to contaminant migration. The subject property appears as an AST file. Based on a review of the listed sites, none appear to pose a significant environmental concern to the subject property.

Recognized Environmental Conditions

Based on the findings of this study, the following *recognized environmental conditions* are associated with the subject property:

- Two USTs were once utilized at the site, one for heating oil and one for gasoline. No reference to the removal of the USTs or testing was found during this study. This poses a high environmental concern.

Controlled Recognized Environmental Conditions

Based on the findings of this study, no *controlled recognized environmental conditions* are associated with the subject property.

Historical Recognized Environmental Conditions

No *historical recognized environmental conditions* were identified in connection with the subject property.

Other Issues of Concern

Other Issues of Concern were identified during this assessment and are discussed in Section 8 of the report.

Opinion

Based on the findings of this study, the following additional investigation is warranted:

- A geophysical survey should be completed on the subject property to identify historical USTs or UST pits, followed by soil testing in the vicinity of features of concern identified during the geophysical survey. If there are no plans to use these USTs, they should be properly decommissioned.
- A Hazardous Building Materials Survey should be performed prior to renovation, remodeling, or demolition.

Limitations (see Section 11 of the report for additional information)

- This assessment was performed in general compliance with EPA All Appropriate Inquiry Rules (November 2013) and the ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- **The report should be read in its entirety (text and attachments) before decisions are made based on the findings provided in the executive summary. PBS is not responsible for utilization of less than the complete report.**
- A glossary of terms is provided in Section 12.

1. PROJECT AND REPORT INFORMATION

1.1 PBS Client Information

PBS Engineering and Environmental Inc. conducted this assessment for North Clackamas Parks and Recreation District located in Oregon City, Oregon. The Client is considered the *User*, as defined by ASTM International Standard E1527-13.

1.2 Report Purpose

A Phase I Environmental Site Assessment was conducted by PBS for the property (“site” or “*subject property*”) located at 3811 SE Concord Road in Milwaukie, Oregon. The purpose of the Phase I ESA was to identify *recognized environmental conditions* associated with the subject property; that is, to assess the likelihood that contamination from *hazardous substances* or *petroleum products* may exist on the subject property either from past or present use of the subject property or nearby properties. This study is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the subject property, within reasonable limits of time and cost.

The purpose is to conduct an *All Appropriate Inquiry* into the previous ownership and uses of the property consistent with good commercial or customary practice. In so doing, the Client (“User”) may qualify for one of the three *Landowner Liability Protections* (LLP) that limit Comprehensive Environmental Response, Compensation and Liability Act (*CERCLA*) liability. The User must fulfill *continuing obligations* in order to maintain LLP status.

A glossary of terms is provided in Section 12. Glossary terms are italicized on first use.

1.3 Scope of Work

The project was performed in general compliance with the Environmental Protection Agency AAI Rules (November 2013) and the ASTM *Standard Practice for Phase I Environmental Site Assessments: Phase I Environmental Site Assessment Process* (Designation E1527-13). The scope of work for the project included the items listed below, unless noted in Section 1.6:

1. Identify and visually survey subject property for the presence of hazardous substances and petroleum products.
2. Obtain information contained in the User Questionnaire from the User, as well as a title report.
3. Review federal, state, tribal, and local agency listings using a commercial database search provider, including *activity and use limitations*.
4. Review historical maps, historical occupant records, and the nature of past property usage.
5. Review readily available soils, geology, or environmental reports for the subject property or subject property vicinity.
6. Interview persons knowledgeable about the subject property, including current and previous owners.
7. Prepare the report, which summarizes any observations, sources utilized, findings, conclusions, and opinions relating to the presence or likely presence of hazardous substances or petroleum products on the subject property.

The reader is referred to the PBS Proposal to Provide a Phase I ESA (Appendix A) for a detailed description of our scope of work.

PBS has prepared this report using information that is *reasonably ascertainable*; that is, information that is *practically reviewable*, *publically available*, and obtainable from its source within reasonable time and cost constraints.

1.4 Conformance with ASTM E1527-13

This report has been formatted to maximize reader usability and comprehension. This report conforms to the requirements of ASTM E1527-13, and items indicated in Appendix X4 of the standard are included. Section 12 provides a cross-reference table that allows the reader to confirm conformance.

1.5 Non-ASTM Method Scope of Work

No *business environmental risk* issues (non-ASTM method issues such as asbestos, lead paint, wetlands, indoor air quality) were addressed during this study.

1.6 Special Terms and Conditions

The standard PBS Terms and Conditions are included in the Proposal/Contract in Appendix A; there are no special terms and conditions.

1.7 User-Imposed Limitations

The User did not impose limitations on PBS while completing this report.

2. PROPERTY INFORMATION AND PHYSICAL SETTING

2.1 Site Description

| | |
|---------------------------|--|
| Site Address: | 3811 SE Concord Road, Milwaukie, Oregon 97267 |
| Tax Lot: | Clackamas County Assessor ID 21E12AD02900 |
| Township, Range, Section: | Township 2 South, Range 1 East, SE ¼ of NE ¼ of Section 12, Willamette Base and Meridian |
| Size: | Approximately 5.97 acres |
| Current Use: | Vacant elementary school |

Tax lot information was obtained from Clackamas County at <https://cmap.clackamas.us/> on January 25, 2017.

A site vicinity map and a site plan are included with this report under Figures. A copy of the county assessor's tax map is included in Appendix B.

2.2 Owner and Occupant(s)

| | |
|----------------------|---|
| Current Owner: | North Clackamas School District, since 1936 |
| Previous Owner: | Unknown |
| Property Manager: | Current owner |
| Current Occupant(s): | Vacant elementary school |

2.3 Topography and Surface Features

The US Geological Survey 7.5-minute topographic map (Gladstone, OR Quadrangle, 1981, see Figure 1) for the site indicates a gentle slope to the west/southwest. The subject property elevation is approximately 230 feet above mean sea level.

The topographic map indicated that the nearest surface water is the Willamette River, located approximately one mile west/southwest of the subject property. The existing school building is illustrated on the map.

2.4 Groundwater Well/Borehole Records

The Oregon Water Resources Department well-query online database (http://apps.wrd.state.or.us/apps/gw/well_log/) provides logs for water wells, monitoring wells, and geotechnical borings, along with decommissioned well reports and other records. This database was reviewed by PBS on January 25, 2017. No records were listed for the subject property. Records for nearby wells indicate that groundwater was first encountered at a depth of 10 to 13 feet below ground surface (bgs) and a static water level of 12 feet bgs. The wells were placed in gravel, silts, silty sands, and silty clay. Copies of the reviewed logs are included in Appendix B.

Based on topography, the direction of shallow, unconfined groundwater flow is expected to be toward the west/southwest; therefore, properties to the north/northeast are considered to be upgradient to the subject property.

3. GOVERNMENTAL AND REGULATORY RECORDS REVIEW

3.1 Government Record Sources

DEQ Online Facility Profiler

The Department of Environmental Quality maintains an online database (<http://deq12.deq.state.or.us/fp20/>) of regulated facilities/sites with permitted air (excluding Lane County) and water dischargers, hazardous and solid waste, cleanup, and leaking and underground storage tanks. This website was reviewed by PBS on January 25, 2017. The subject property was not listed. No adjoining or nearby sites were listed other than those identified by the environmental database search (see Section 3.2, below).

State Fire Marshal

The Oregon State Fire Marshal's office maintains a Hazardous Substance Incident Search on their Community Right-to-Know database website, which includes a list of known drug labs (https://www.oregon.gov/osp/SFM/pages/cr2k_incident_database.aspx). This site was reviewed by PBS on January 19, 2017. Neither the subject property nor adjacent properties were listed.

Local Fire Department

The Clackamas Fire District does not keep formal records of underground storage tanks or aboveground storage tanks. PBS was referred to the State Fire Marshal's website for this information (State Fire Marshal information is included in the regulatory database report).

Other Government Records

No other local government records were reviewed for this assessment.

3.2 Standard Environmental Record Sources

A search of EPA, state, and tribal environmental database listings was performed by a commercial database search provider (a copy of the database search report is included in Appendix C). The purpose of this search is to identify potential, suspected, or known sources of contamination on or in the area of the subject property. Various agency listings were searched for different *approximate minimum search distances* from the subject property as established in the ASTM method. Listings included *publicly available* databases of environmental liens, *activity and use limitations*, and easements and equitable servitudes, if recorded or filed.

If the subject property and/or adjacent properties are identified in the regulatory database report, the information is summarized below. Regulatory data for surrounding properties that may pose a potential risk to the subject property are also included below. Other listed sites are not considered to be of environmental concern to the subject property, based on presumed groundwater flow direction, distance from the site, regulatory status (for example, the agency file is closed), or other physical factors.

Subject Property

The subject property appears on a regulatory database(s) and is summarized below.

| | |
|---|---------------------|
| North Clackamas School District 12 3811 SE Concord Road Milwaukie, Oregon | AST # 059845 |
| <p>The property is listed as having an underground tank containing home heating oil. No other information was provided. <i>Note: The database report has identified this listing as an aboveground tank; however, the information provided in the report indicates that the tank was underground.</i></p> | |

Adjoining Properties

Adjoining properties appear on regulatory databases and are summarized below.

| | |
|---|--|
| John Kinsman Company 3727 SE Spaulding Avenue Milwaukie, Oregon | RCRA NonGen / NLR # ORQ000019760 |
| Located east (upgradient) of subject property | |
| This business is a handler and not a generator of hazardous waste and is no longer required to report their hazardous waste activities to the regulatory agencies. No violations were found. | |
| 3901 SE Concord Road Milwaukie, Oregon | LUST # 03-98-0366 |
| Located east (upgradient) of subject property | |
| In May 1998, soil contamination from a home heating oil tank was discovered during a site assessment. The file is listed as unassigned. | |
| 3718 SE Concord Road Milwaukie, Oregon | LUST # 03-99-0413 |
| Located south (cross-gradient) of subject property | |
| In April 1999, soil contamination from a home heating oil tank was discovered during a site assessment. The file is listed as closed as of September 1999. | |
| Walmart Neighborhood Market No. 3144/GI Joe's 15600 SE McLoughlin Boulevard Milwaukie, Oregon | UST # 6809 RCRA-CESQG # ORQ000031798 Hazmat # 1305994 and 1202626 |
| Located west (downgradient) of subject property | |
| This property is listed as having one UST that appears to have been associated with the former GI Joes retail store at this location. No other information was provided, and the site does not appear on leaking underground storage tank databases. | |
| Walmart is listed as a conditionally exempt small quantity generator, generating 100 kilograms or less of hazardous waste per calendar month, and accumulates 1,000 kilograms or less of hazardous waste at any time. No violations were found. | |
| In February 2012, Clackamas County Fire Department responded to a reported spill in the parking lot. A sheen was identified and was subsequently sprayed down. The site was then cleared by the fire department. | |
| In April 2013, a natural gas line was struck while contractors were attempting to dig an irrigation line on the property. Clackamas County Fire Department responded to the scene and Northwest Natural Gas closed off the gas line. No other information was provided. | |
| Alpine Cleaners 3640 SE Concord Road Milwaukie, Oregon | Drycleaners # 100 |
| Located southwest (cross-gradient) of subject property | |
| This business is listed as a closed dry cleaner location as of April 2007. No other information | |

was provided.

Pep Boys No. 579
15550 SE McLoughlin Boulevard
Milwaukie, Oregon

RCRA NonGen / NLR # ORQ000009084

Located west (downgradient) of subject property

This business is a handler and not a generator of hazardous waste and is no longer required to report their hazardous waste activities to the regulatory agencies. No violations were found.

Surrounding Properties

Nearby properties appear on regulatory databases and are summarized below.

Chevron USA Inc.
15710 SE McLoughlin Boulevard
Milwaukie, Oregon

LUST # 03-93-0111 and 03-98-0959
UST # 1107
DTNK # 022195
RCRA-CESQG # ORD987189271

Located 450 feet west (downgradient) of subject property

In July 1993, soil contamination from a regulated tank was discovered. The file is listed as closed as of September 1994.

In November 1998, soil and groundwater contamination from a regulated tank was discovered. The file is listed as closed as of November 2004.

This property is listed as having been associated with a total of 11 USTs; three active and permitted tanks and eight decommissioned tanks. This gas station is listed as having an AST that is a delisted storage tank. No other information was provided.

The business is also listed as a conditionally exempt small quantity generator, generating 100 kilograms or less of hazardous waste per calendar month, and accumulates 1,000 kilograms or less of hazardous waste at any time. Multiple notices of noncompliance were listed in 1998 and compliance was achieved that same year.

A-1 Boat Detailing
15555 SE McLoughlin Boulevard
Milwaukie, Oregon

ECSI # 4486

Located 700 feet west (downgradient) of subject property

According to the DEQ database, several 55-gallon drums and 5-gallon containers of waste oil were dumped at this site; however, the time of the release is unknown. In August 2005, this facility was referred as a cleanup site from the Hazardous Waste Program. The site is listed as requiring further investigation.

Unmappable Sites¹

Based upon the presumed location or reported regulatory status, unmappable sites listed on the EDR database report are considered to pose *de minimis* concern.

¹ Unmappable sites are identified as "Non-Geocoded" or "Orphan" in the regulatory database report. They are categorized this way because inaccurate or incomplete site addresses prevented mapping by the database provider. PBS has reviewed and, in some cases, located these unmappable sites. Environmental risk associated with remaining unmappable sites could not be determined.

4. HISTORICAL RECORDS REVIEW

4.1 Standard Historical Sources

ASTM E1527-13 indicates that review of standard historical sources at less than approximately five-year intervals is not required by this practice. If the specific use of the property appears unchanged over a period longer than five years, then it is not required by this practice to research the use during that period.

The tables and summaries below include information obtained from historical resources reviewed for this project. Data obtained from other sources reviewed for this Phase I ESA may also be included in the following table in order to identify potential historical data failures.

Copies of the reviewed records are included in Appendix D.

| | | |
|---------------------------|--|--|
| Aerial Photographs | University of Oregon Map Library Portlandmaps.com | 1936, 1944, 1956, 1964, 1970, 1980, 1990, 1998, 2000, 2005, 2010, 2015 |
|---------------------------|--|--|

Subject Property

The earliest aerial photograph, from 1936, shows the subject property occupied by the existing school building, as well as a large building located in the western portion of the site and fallow fields located in the northern. By the early 1940s, the previously observed building in the western portion of the site was removed. In the late 1950s, the main school building was expanded and athletic fields were constructed on the northern portion of the site. The property remained relatively unchanged until the early 1980s, when the existing covered play structure and playground was constructed in the western portion of the property. No significant changes were noted on the remaining aerial photographs.

Adjacent Properties

The adjoining properties to the north and east were in agricultural use by the late 1930s, with residences also located on the east-adjacent property. The south-adjacent property was in residential use during this time, while the southwest-adjacent property was occupied by a large storage building and the adjoining property to the west was occupied by a residence and a holly and livestock farm.

By the early 1940s, the north-adjacent property was fallow, while the adjoining properties to the east, south, and southwest were in residential and orchard use and the northwest-adjacent property was now occupied by an orchard. In the late 1950s, the adjoining properties to the north, east, and southwest were in residential use, with remnants of the previously observed orchard located on the southwest-adjacent property. The properties remained relatively unchanged until the early 1970s, when the previously observed orchard on the northwest-adjacent property was removed and the land became fallow.

In the early 1980s, the adjoining properties to the north, east, and south were in residential use and the southwest-adjacent property was now occupied by the existing commercial building and parking lot. The previously observed residence remained on the west-adjacent property, but the holly and livestock farm was removed and the existing commercial buildings and parking lots were constructed. By the early 1990s, the residence was removed from the adjoining property to the west and the existing commercial building was built. Since that time, no significant changes in use were noted on aerial photographs.

| | | |
|----------------------------|--------------------------|-------------|
| Fire Insurance Maps | ERIS Fire Insurance Maps | No coverage |
|----------------------------|--------------------------|-------------|

| | | |
|------------------------------------|---|---|
| Building Department Records | Clackamas County Department of Transportation and Development | 1992, 1996, 1998, 1999, 2001, 2002, 2010 |
|------------------------------------|---|---|

Subject Property

| <i>Date</i> | <i>Permit #</i> | <i>Listed owner</i> | <i>Information</i> |
|-------------|-----------------|---------------------|--------------------|
|-------------|-----------------|---------------------|--------------------|

| | | | |
|------------|----------|---------------------------------------|--|
| 10/28/1992 | B0332692 | North Clackamas School District | Construction of retaining wall for Concord Elementary |
| 01/18/1996 | B0020096 | | Repair from storm damage |
| 12/23/1998 | B0489298 | | Repair ceiling damage from sprinkler pipes |
| 06/15/1999 | B0231399 | | Re-roof of elementary school |
| 03/29/2001 | B0093101 | | Addition/remodel of school |
| 05/22/2002 | P0092402 | | Replace 40 feet of kitchen drain pipe |
| 03/08/2010 | PR028310 | | Remodel office area, siding on covered play area, re-roof, replace existing windows and doors, and miscellaneous maintenance |

| | | |
|---------------------------------|------------------------------|---|
| Local Street Directories | ERIS City Directory Abstract | 1971, 1975, 1979, 1984, 1988, 1994, 1998/1999, 2004, 2008 |
|---------------------------------|------------------------------|---|

| Subject Property | |
|-------------------------|-----------------|
| <i>Date</i> | <i>Occupant</i> |
| 1971 | No listing |
| 1975 | School |
| 1979 | |
| 1984 | |
| 1988 | |
| 1994 | |
| 1998/1999 | No listing |
| 2004 | |
| 2008 | |

| Adjacent Properties | | | | |
|----------------------------|--------------|-------------|------------------------------|-------------|
| <i>Date</i> | <i>North</i> | <i>East</i> | <i>South</i> | <i>West</i> |
| 1971 | No listing | Residence | Residence | Residence |
| 1975 | | | Concord Support Office | Residence |
| | | | Apartment | Apartment |
| 1979 | | | Residence | Residence |
| | Apartment | Residence | Hair salon (SW) | |
| | Residence | Residence | Taylor Made Hobbie (SW) | |
| | Residence | Residence | Christian Supply Center (SW) | |
| | Residence | Residence | 1 Hour Martinizing (SW) | |
| | Residence | Residence | Rainbow Dry Cleaning (SW) | |
| 1984 | Residence | Residence | Shoe store (SW) | Residence |
| | Residence | Residence | Print Right Copy Center (SW) | |
| | | | Apartment | |

| | | | | |
|-----------|--|--|---|------------|
| | | | Residence Hair salon (SW) McLoughlin Import (SW) Christian Supply Center (SW) Holly Farms Cleaners (SW) Insurance office (SW) Printright (SW) | |
| 1988 | | | Apartments Residence Hair salon (SW) Discount Import (SW) Pizza parlor (SW) Holly Farms Cleaners (SW) Insurance office (SW) Dial-A-Gift (SW) | No listing |
| 1994 | | | Apartments Residences Willow Tree Creation Hair salon (SW) Sporting goods store (SW) Pizza parlor (SW) Holly Farms Cleaners (SW) Insurance office (SW) | Fabricland |
| 1998/1999 | | | Apartments Residences Willow Tree Creation Hair salon (SW) Sporting goods store (SW) Pizza parlor (SW) Alpine Cleaners (SW) | Goodwill |

| | | | | |
|------|--|--|--------------------------|--|
| | | | Olan Mills Portrait (SW) | |
| 2004 | | | Apartments | |
| | | | Residences | |
| 2008 | | | Pizza parlor (SW) | |
| | | | Apartments | |
| | | | Residences | |
| | | | C&S Home Care Plus | |
| | | | Pizza Parlor (SW) | |
| | | | Holly Station (SW) | |

| | |
|----------------------|--------------------------|
| Title Records | Not provided for review. |
|----------------------|--------------------------|

4.2 Previous Environmental Assessments

A copy of a Periodic Surveillance Form for asbestos-containing material was provided to PBS for review and is included in Appendix D. The form is summarized as follows:

- The last periodic surveillance was performed in July 2016.
- The form indicated that there was minor damage to the lay-in ceiling tile, vinyl floor tile, and gypsum wallboard in the basement.

A tank report for the North Clackamas School District was provided to PBS for review and is included in Appendix D. The report is summarized as follows:

- Concord Elementary school is listed as having one heating oil tank and one gasoline tank on site as of July 2012.
- The heating oil tank was listed as 6,000 gallons (with dimensions of 8 feet by 18 feet by 11 feet), while the gasoline tank was 2,000 gallons (dimensions of 6 feet by 12 feet by 8 feet).
- The tanks are located along the southeast corner of the of the subject property.

Other Historical Records

PBS located information through an internet search

(http://www.brownellhollyfarms.com/category_s/22.htm), regarding the Brownell Holly Farms that were located on the west-adjacent property. The website indicated the following:

- Senator George C. Brownell started the company by planting 400 holly trees imported from England in 1910.
- George's son, Ambrose, continued the business following George's death in 1921, but also involved purebred poultry eggs, baby chicks, and breeding stock on the property.
- Ambrose grew the holly in over 100 acres in two separate farm orchards.
- Patricia Brownell Lee began managing the property in the late 1960s and ultimately moved the operations of the farm to a new facility in the early 1970s.

No other historical records were reviewed for this assessment.

4.3 Data Failure

Data failure was encountered while conducting the historical research for this Phase I ESA report. Data failure occurs when the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives in ASTM E1527-13 Sections 8.3.1 through 8.3.2.2 have not been met. If the data failure represents a significant *data gap*, the impact of this data gap shall be discussed in 8.4 of this Phase I ESA report.

The following data failure occurred:

- The history of the property could not be established back to first development. Readily available records show use back to 1936, and based on these records, land use prior to this was likely agricultural or vacant in nature. PBS does not view this data failure as a significant data gap and the data failure does not change the conclusions or opinion of PBS as stated in this Phase I ESA.
- There are several time periods for which data could not be gathered every five years (see source tables above). Section 8.3.2.1 of ASTM E1527-13 indicates that if the specific use of the property appears unchanged over a period longer than five years, then it is not required to research the use during that period. The property remained in the same general usage during these time periods; therefore, PBS does not view this data failure as a significant data gap and the data failure does not change the conclusions or opinion of PBS as stated in this Phase I ESA.

5. SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The site reconnaissance was conducted by Dana Domenighini, Staff Scientist, and Claudia Byes-Lund, Project Scientist and PBS Environmental Professional on January 24, 2017, to observe and document site conditions and visible indications of existing environmental conditions. The reconnaissance was performed accompanied by Kathryn Krygier, Interim Parks Planner for North Clackamas Parks and Recreation District, and Amanda Wall, Custodial Coordinator for North Clackamas School District.

Not all areas of the subject property were accessed. Four to five classroom spaces were viewed, as well as the main classroom corridors, the basement and storage areas, the office area, cafeteria and kitchen, and gymnasium. All exterior ground area were viewed.

Site photographs are included under Appendix E.

5.2 Site and Vicinity General Characteristics

The subject property is the southeast portion of a 5.97-acre parcel located in a mixed-use area of Milwaukie, Oregon. The surrounding properties are occupied by residences, with commercial properties located on the west- and southwest-adjacent properties. The site is bounded by SE Concord Road to the south.

Site Operations/Processes

The site is currently occupied by a vacant school building (the former Concord Elementary School), paved parking, and playing fields. A natural gas steam fired boiler system is utilized for heating and cooling on the subject property.

Exterior Improvements

Paved parking is located in the western, central, and southeastern portions of the subject property. The property can be accessed along the south property boundary from SE Concord Road, along the east property boundary from SE Spaulding Avenue, and the northwest corner from SE Olive Avenue.

Utilities

| | |
|-----------------|-------------|
| Water Supply: | Municipal |
| Sewage System: | Municipal |
| Stormwater: | Municipal |
| Heating Source: | Natural gas |

5.3 Site Conditions and Observations

Note: The PBS Field Checklist (Appendix E) may detail additional field observations not described below.

Aboveground and Underground Storage Tanks

A UST fill port and vent pipe were observed along the southeast corner of the building. These are associated with an out-of-use oil UST.

Drywells, Injection Wells, Septic Systems

None of these features were observed and/or known to be present on the subject property.

Floor Drains, Catch Basins, Sumps, Oil-Water Separators

Floor drains were observed in the showers, bathrooms, the custodial storage room, and the boiler room. No sheens, stains, or odors were noted. Latex paints and cleaning supplies were stored near the floor drain located in the custodial storage room, but there was no evidence of spills or leaks from the stored containers.

Catch basins were observed throughout the paved parking areas and in the northwest corner of the property. No sheens, stains, or odors were noted.

Hazardous Substances, Petroleum Products, Unidentified Containers

The following were observed during the site visit (see Photographs in Appendix E):

- Numerous one-quart to 5-gallon containers of cleaning supplies and latex paints were observed in the custodial storage room, as well as spray paint containers, a gasoline canister.

These materials were stored on shelving or directly on the concrete floor. The containers were labeled, none appeared to be leaking, and the storage area appeared to be generally well maintained. A floor drain was observed in the vicinity of these items in the custodial storage room. No evidence of spills or leaks from the stored containers were observed.

Improper Dumping/Solid Waste Disposal

No indications of improper solid waste disposal were observed during the site reconnaissance.

Pits, Ponds, Lagoons, Surface Impoundments

None of these features were observed on the subject property.

Polychlorinated Biphenyls

PCBs have historically been used in the manufacture of electrical equipment (transformers) and hydraulic fluids. They are considered hazardous substances under *CERCLA* rules, and the manufacture of PCBs was banned in 1979. Examination or sampling of individual building components or fixtures is not within the scope of the Phase I ESA. The following was observed:

- Pole-mounted transformers were observed along the western property boundary and in the southeast corner of the site. These appeared to be in good condition with no labels indicating PCB status.
- The property utilizes a hydraulic elevator; no sheens or staining were observed in the hydraulic room.

Stains, Sheens, Odors

None of these conditions were observed on the subject property.

Wells

There were no water supply wells or monitoring wells observed at the site.

Other Conditions of Concern

No other conditions of concern were observed on the subject property during the site reconnaissance.

5.4 Observed Current Use of Adjoining Properties

North: Residences

South: SE Concord Road; residences; restaurants/pizza parlor/salon (SW)

East: Residences

West: Walmart; Dollar Tree; Ace Hardware; Office Max; former Goodwill (vacant)

These properties were viewed from the subject property or the nearest public right-of-way. No conditions of environmental concern were observed.

6. INTERVIEWS

6.1 Interview with Owner

The PBS Standard Property Owner/Representative Questionnaire was completed by Melinda Shumaker of the North Clackamas School District, owner of the subject property, and is included in Appendix F. Ms. Shumaker was also interviewed via telephone (503.353.6061) on February 3, 2017. The interview and questionnaire are summarized as follows:

- The North Clackamas School District has owned the subject property for approximately 130 years.
- The previous owner is listed as Marion Phillips.
- The subject property is currently occupied by a vacant school building.
- Ms. Shumaker reported that there are USTs located on the subject property; one heating oil tank and one gasoline tank. The tanks are located near the southeast corner of the building. The gasoline tank was utilized for filling up school buses. Both tanks have reportedly been emptied; however, neither has been removed from the site.
- Ms. Shumaker indicated that assessments for asbestos and lead-based paint have been conducted for the subject property, and that both were detected on site.
- Ms. Shumaker indicated no knowledge of environmental liens against the subject property, or limitations of use related to environmental conditions.

6.2 Interview with Previous Owner(s)

An interview with the previous owner was not completed due to the length of time North Clackamas School District has owned the subject property. Based on the available historical and regulatory information for the subject property, this does not impact the ability of PBS to identify RECs.

6.3 Interviews with Site Manager, Occupants, or Employees

Amanda Wall, Custodial Coordinator for North Clackamas School District, was interviewed during the site reconnaissance on January 24, 2017. The interview is summarized as follows:

- Ms. Wall has been working for the North Clackamas School District for approximately eight years.
- The school building has been vacant since 2014.
- Ms. Wall reported that the elevator on site is hydraulic. The elevator was last maintained in the summer of 2016.
- Ms. Wall indicated that the original boiler located in the basement has not been in use since approximately 2005. Since that time, a natural gas steam fired boiler system has been used for heating and cooling the building.
- Ms. Wall reported that a heating oil UST is located on the subject property; however, the tank has reportedly been emptied.

6.4 Interviews with Local Government Officials

Interviews with local government officials were previously summarized in Section 3.1, and are not repeated here.

6.5 Interviews with Others

No other interviews were conducted for this report.

7. ALL APPROPRIATE INQUIRY SPECIAL REQUIREMENTS

The All Appropriate Inquiry practice, as defined by ASTM E1527-13, includes special assessment requirements that are provided in this section.

7.1 User (Client) Questionnaire and User-Provided Information

A User questionnaire was completed for North Clackamas Parks and Recreation District by Kathryn Krygier, Interim Parks Planner for the User. Results of the questionnaire are summarized below. Additional information provided by the User is found on the copy of the questionnaire provided in Appendix F.

| Issue | Yes | No |
|---|-----|----|
| Does the User have knowledge of environmental liens against the subject property or activity and use limitations related to environmental conditions? | | X |
| Does the User have specialized knowledge or experience that may be material to the identification of recognized environmental conditions on the subject property? | | X |
| Has the property purchase price been devalued based on environmental conditions at the subject property or surrounding properties? | | X |

Ms. Krygier reported that there is possible conditional use for zone; the building on site is eligible for designation as a local landmark and National Register of Historic Places.

Ms. Krygier indicated that radon testing and drinking water testing for lead have been completed for the subject property, as well as a periodic surveillance for asbestos-containing materials. These reports were provided to PBS for review.

7.2 Activity and Use Limitations

PBS did not identify any environmental liens, AULs, or easements and equitable servitudes on the subject property during this study.

7.3 Reason for Performing the Phase I ESA

This Phase I ESA has been requested by North Clackamas Parks and Recreation District prior to purchasing the subject property for community and office use.

7.4 Data Gaps

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

8. EVALUATION AND CONCLUSIONS

8.1 Findings and Opinion

Recognized Environmental Conditions

Based on the findings of this study, the following recognized environmental conditions are associated with the subject property:

- Two USTs were once utilized at the site, one for heating oil and one for gasoline. No reference to the removal of the USTs or testing was found. This poses a high environmental concern.

Controlled Recognized Environmental Conditions

Based on the findings of this study, no controlled recognized environmental conditions are associated with the subject property.

Historical Recognized Environmental Conditions

No historical recognized environmental conditions were identified in connection with the subject property.

Other Issues of Concern

The following other issues of concern were identified during this study:

1. A dry cleaner occupied the property to the southwest, across SE Concord Road, from the 1970s through the early 2000s. No regulatory interactions were identified for the business. Based on location and regulatory status, this represents a low environmental concern.
2. Adjacent properties were historically in agricultural use that included both field crops and orchards from the 1930s through the late 1970s. Historically, pesticides used for orchard crops contained heavy metals such as arsenic and lead, as well as dichloro-diphenyl-trichloroethane (DDT). These and other pesticides have been found to persist in soil at levels that may present health risks, despite subsequent redevelopment of the property. Historical field crops may also have been treated with pesticides, with the greatest risk in areas where storage and mixing of chemicals occurred; these conditions were not observed on the site. Based on redevelopment, this poses a low environmental concern.

8.2 Opinion

Based on the findings of this study, the following additional investigation is warranted:

- A geophysical survey should be completed on the subject property to identify historical USTs or UST pits, followed by soil testing in the vicinity of features of concern identified during the geophysical survey. If there are no plans to use these USTs, they should be properly decommissioned.
- A Hazardous Building Materials Survey should be performed prior to renovation, remodeling, or demolition.

9. NON-SCOPE CONSIDERATIONS

Non-scope considerations are issues or conditions at the subject property that could pose a business risk to an owner or prospective purchaser but are not included in a standard Phase I ESA. PBS assesses non-scope considerations only when requested to do so by the Client.

There were no non-scope considerations requested by the Client.

10. SIGNATURES

PBS respectfully submits the results of our Phase I Environmental Site Assessment. We appreciate the opportunity to provide our recommendations for your project. If you have additional concerns, please do not hesitate to contact us at 503.248.1939.

Sincerely,
PBS Engineering and Environmental Inc.

 2/6/2017
Dana Domenighini Date
PBS Staff Scientist

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

 2/6/2017
Claudia Byes-Lund Date
PBS Project Scientist

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

 2/6/2017
Marsha Walker, RG Date
PBS Senior Geologist

11. ASSUMPTIONS AND LIMITATIONS

11.1 Significant Assumptions

User's Responsibilities

It is assumed that the User has provided PBS with title and lien records, actual knowledge of environmental liens or activity and use limitations encumbering the property, any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property, any commonly known or reasonably ascertainable information that is material to recognized environmental conditions on the property, and the reason why the property may have a significantly lower purchase price than comparable properties, if applicable (User Responsibilities, ASTM E1527-13, Section 6.0).

It is further assumed that the User will read this report in its entirety (text and attachments) before making decisions based on the findings of the report.

Groundwater Flow

In general, groundwater flow direction has been determined based on topography in the area of the subject property (the assumption is that shallow groundwater flow will follow topography). No site-specific field measurements of groundwater flow direction (such as installation of groundwater monitoring wells) have been performed.

Based on this interpretation, PBS has reviewed regulatory agency information for sites that are located in a presumed upgradient direction that, based on proximity and knowledge of potential contaminant fate and transport, may present a potential to impact the subject property.

Accuracy and Completeness

The public records search is performed by PBS with the understanding that such records may be inaccurate or incomplete, and that public agency staff's abilities to retrieve records may be variable or inconsistent over time. Similarly, PBS interviews of knowledgeable persons are performed in good faith; that is, that the information provided is reasonably accurate and truthful. It may not always be feasible or appropriate for PBS to determine the accuracy of conflicting information, and this determination is pursued at the Environmental Professional's discretion.

11.2 Limitations and Exceptions

Unless noted elsewhere in this proposal, the scope of services for the project does not address a number of potentially significant environmental issues including, but not limited to, hazardous materials audit, environmental compliance, vapor encroachment assessment per ASTM standard E2600-10 (formaldehyde or radon), asbestos-containing building materials, PCBs, lead in paint, mold, wetlands and other land use issues, drinking water quality, geotechnical or geologic hazards, nor does it include subsurface exploration or chemical screening of soil and groundwater beneath the site.

Recognized environmental conditions are defined in paragraph 3.2.78 of ASTM E1527-13 and the complete text is included in the glossary of this document. The vague and ambiguous nature of recognized environmental conditions as defined by the ASTM standard may result in reasonable minds differing as to whether any observed condition at a site is a recognized environmental condition. There may be other conditions noted in this report that could be considered recognized environmental conditions by other persons. Accordingly, the User is advised that no warranty is given that other experts may agree as to whether site conditions noted herein are recognized environmental conditions. Users of this report are encouraged to review the report in its entirety and specifically to consider all site conditions described in this report and not merely those classified herein as recognized environmental conditions.

When an assessment is completed without surface exploration or chemical screening of soil and groundwater beneath the site, as in this study, no statement of scientific certainty can be made regarding latent subsurface conditions that may be the result of on-site or off-site sources. PBS is not able to represent that the site or adjoining land contains no hazardous waste, oil, or other latent conditions beyond that detected or observed by PBS during the study.

The findings and conclusions of this report are not scientific certainties, but are based on professional judgment concerning the significance of the data gathered during the course of the Phase I ESA. The conclusions in this report are not to be considered a legal opinion or advice as to the Client's duty concerning due diligence and All Appropriate Inquiry relating to potential liabilities in leasing, owning, or purchasing real estate.

The ASTM method does not require a search interval of fewer than five years; this search interval is not guaranteed to identify all prior tenants or occupants of the subject property. (Please refer to the Summary and Chronology of Standard Historical Resources table in 5.2 for search intervals achieved for this report.)

The PBS investigator reviewed sources that are publicly available, available within a reasonable time and cost, and reasonably ascertainable and considered practically reviewable, as defined under the ASTM standard. In addition, these criteria are applied keeping in mind sources that are likely to provide information concerning possible recognized environmental conditions at the subject property. PBS has reviewed sources of information that we consider meeting these criteria. In cases where the history of the subject property is not traced to prior to its first-developed use, this condition is considered a data failure and not an exception to the required scope of work. If the data failure represents a significant data gap, this will be discussed in the report.

11.3 Data Gaps

A data gap results from a lack of or inability to obtain information required by the ASTM method, despite good faith efforts to gather such information. Our report identifies and comments on significant data gaps that have affected our ability to identify recognized environmental conditions.

11.4 User Reliance

PBS acknowledges that only the User may rely upon the information, findings, opinions, and conclusions set forth in this report, subject to the conditions and limitations contained in this report and as set forth in our contract. This report is for the exclusive use of the User and is not to be relied upon by other parties. It is not to be photographed, photocopied, or similarly reproduced, in total or in part, without the express written consent of the User and PBS. Reliance on this report by other parties will require a fee and a written agreement from PBS, and will be subject to the same conditions and limitations contained in the contract between PBS and the User.

This report was prepared in accordance with the standard of care of our profession. No warranties, expressed or implied, are made.

This report provides information on the subject property only as specified in the scope of work based on conditions at the time of the study. Additional information may become available that differs significantly from our understanding of conditions presented in this report. If this occurs, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

12. REFERENCES, GLOSSARY, ASTM REPORT CROSS-REFERENCE

Many references, primarily internet-based and governmental resources, are cited within the text of this report and are not repeated on this page.

GLOSSARY

Abandoned Property – A property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property. (ASTM E1527-13, Section 3.2.1)

Activity and Use Limitations (AULs) – Legal (institutional) or physical (engineering) restrictions or limitations on the use of, or access to, a site or facility, to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in soil or groundwater, or to prevent activities that could interfere with the effectiveness of a response action in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or ground water on the property. (ASTM E1527-13, Section 3.2.2)

Adjoining Properties – Any real property or properties the border of which is contiguous or partially contiguous with that of the *property*, or that would be contiguous or partially contiguous with the *property* but for a street, road, or other public thoroughfare separating them. (ASTM E1527-13, Section 3.2.4)

All Appropriate Inquiry (AAI) – That inquiry constituting “*All Appropriate Inquiry*” into the previous ownership and uses of the *property* consistent with good commercial or customary practice, as defined in *CERCLA*, 42 U.S.C. §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to the *CERCLA* liability (42 U.S.C. §9601(35)(A)&(B), §9607 (b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. (ASTM E1527-13, Section 3.2.6)

Approximate Minimum Search Distance – The area for which records must be obtained and reviewed pursuant to Section 8 of ASTM Standard Practice E1527-13 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties. (ASTM E1527-13, Section 3.2.7)

Business Environmental Risk – A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of *business environmental risk issues* may involve addressing one or more non-scope considerations some of which are identified in the report (ASTM E1527-13, Section 3.2.11)

CERCLA – The Comprehensive Environmental Response, Compensation And Liability Act, as amended by the Superfund Amendments and Reauthorization Act (SARA), 42 USC 9601 *et seq.* (ASTM E1527-13, Section 3.3.2)

Continuing Obligations – After completion of an AAI-compliant Phase I ESA, there are *continuing obligations* of the User required under 2002 Brownfields Amendment to maintain landowner liability protections. These include:

1. Comply with land use restrictions and not impede the effectiveness or integrity of institutional controls.
2. Take “reasonable steps” with respect to hazardous substances affecting a landowner’s property to stop continuing releases, prevent threatened future releases, and prevent exposure to earlier releases.
3. Provide cooperation, assistance and access to EPA, a state, or other party conducting response actions or natural resource restoration at the property.
4. Comply with CERCLA information requests and administrative subpoenas.
5. Provide legally required notices relating to the discovery or release of hazardous substances on the property (40 CFR Par 312, Section II – Background, Item D).

Controlled Recognized Environmental Condition (CREC) – a *recognized environmental condition* resulting from a past *release of hazardous substances or petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances or petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property use restrictions, activity and use limitations, institutional controls, or engineering controls*). (See ASTM Note 2.) A condition considered by the *environmental professional* to be a *controlled recognized environmental condition* shall be listed in the findings section of the *Phase I Environmental Site Assessment report*, and as a *recognized environmental condition* in the conclusions section of the *Phase I Environmental Site Assessment report*. (See ASTM Note 3.) (ASTM E1527-13, Section 3.2.18)

ASTM Note 2 - For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remains commercial.

ASTM Note 3 - A condition identified as a controlled recognized environmental condition does not imply that the Environmental Professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

Data Failure – A failure to achieve the historical research objectives in Section 8.3.1 through 8.3.2.2 of ASTM E1527-13 even after reviewing standard historical sources in 8.3.4.1 through 8.3.4.8 of ASTM E1527-13 that are reasonably ascertainable and likely to be useful. Data failure is a type of data gap. (ASTM E1527-13, Section 3.2.20)

Data Gap – A lack of, or inability to obtain required information by ASTM E1527-13 despite good faith efforts to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc). The report will identify and comment on significant *data gaps* that affect the ability of the EP to identify recognized environmental conditions. (ASTM E1527-13, Section 3.2.21)

De minimis Condition – Condition that generally does not present a material risk of harm to public health or the environment or that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

Environmental Professional – A person meeting the education, training and experience requirements set forth in 40 CFR §312.10(b). That person may be an independent contractor or an employee of the User. (ASTM E1527-13, Section 3.2.32)

Hazardous Substance – A substance defined as a hazardous substance pursuant to CERCLA 42 USC §9601 (14), as interpreted by EPA regulations and the courts: “(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 the characteristics identified under or pursuant to Section 3001 of the Solid Waste Disposal Act (42 USC 6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC §9601 et seq.) has been suspended by act of Congress), (D) any toxic pollutant listed under Section 1317(a) of Title 33, (E) any hazardous air pollutant listed under Section 112 of the Clean Air Act (42 USC 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the administrator (of EPA) has taken action pursuant to Section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).” (ASTM E1527-13, Section 3.2.39) ***PBS Note:*** *The term hazardous substances, as it is used in this report, is used to describe both hazardous substances and petroleum products. It does not include hazardous building materials.*

Historical Recognized Environmental Condition (HREC) – A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition. (ASTM E1527-13, Section 3.2.42)

Landowner Liability Protections (LLPs) – Landowner liability protections provided under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§ 9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r). (ASTM E1527-13, Section 3.2.49)

Offsite Migration Policy – It is Oregon Department of Environmental Quality (DEQ) policy, subject to the specific conditions, that where hazardous substances have come to be located at a property solely as the result of migration from a source or sources outside the property, DEQ will not require the owner or operator of the impacted property to perform remedial actions or pay remedial action costs associated with the migrated contaminants as long as: a) the owner or operator of the impacted property did not cause, contribute to, or exacerbate through an act or omission, the release of hazardous substances that has migrated to the impacted property; b) the person whose acts or omissions caused the release was not and is not an employee or agent of the owner or operator of the impacted property; c) the acts or omissions of the person causing the release did not occur in connection with a contractual relationship existing directly or indirectly with the owner or operator of the impacted property; and d) there is no other basis for the impacted property owner or operator to be liable for the contamination. (Oregon Department of Environmental Quality, Land Quality Division, Off-Site Contaminant Migration Policy, DEQ 12-LQ-041, December 2012)

Other Issues of Concern – Issues that could potentially result in adverse environmental impacts to the subject property. They are not included as recognized environmental conditions because insufficient evidence was collected during the course of this study to come to the conclusion that the condition(s) has resulted in the "presence or likely presence" of contamination to soil and/or groundwater on the subject property.

Petroleum Products – Those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA; that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.) (ASTM E1527-13, Section 3.2.65)

Practically Reviewable – Information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the User can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable. (ASTM E1527-13, Section 3.2.69)

Publicly Available – Information that is publicly available means that the source of the information allows access to the information by anyone upon request. (ASTM E1527-13, Section 3.2.72)

Reasonably Ascertainable – Information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable. (ASTM E1527-13, Section 3.2.77)

Recognized Environmental Condition – The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions. (ASTM E1527-13, Section 3.2.78)

Subject Property (ASTM standard uses the term Property) – The real property that is the subject of this Environmental Site Assessment. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land. (ASTM E1527-13, Section 3.2.70)

User – The party seeking to use ASTM Practice E1527 to complete an Environmental Site Assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of Practice E1527. (ASTM E1527-13, Section 3.2.98)

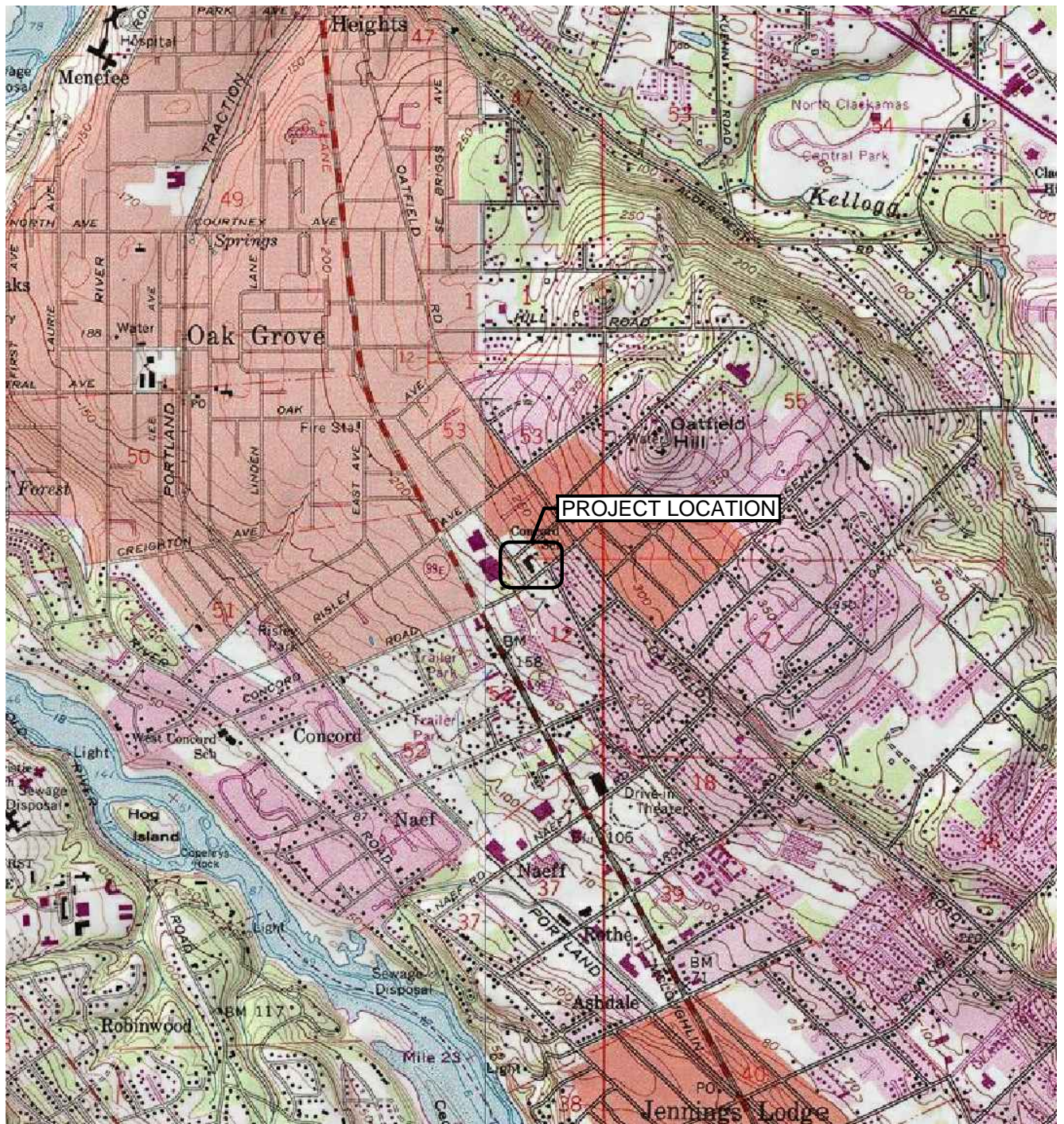
Note: Definitions without a specific citation are derived from PBS project and industry experience.

CROSS-REFERENCE FOR ASTM E1527-13 REQUIREMENTS

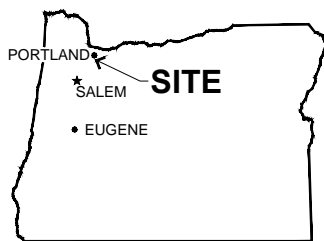
This table provides an easy cross-reference for ensuring that the PBS Phase I ESA report complies with ASTM E1527-13. The ASTM recommended format is found in Appendix X4 of the standard.

| ASTM Recommended Format | Provided in PBS Report Section # |
|---------------------------------------|---|
| X4.1 Summary | 1 |
| X4.2 Introduction | 2, 3.1 |
| X4.3 User Provided Information | 3.2, 5.1, 5.3, 8.1, 8.3, 7.1, 7.3, 7.4, Appendix E, F |
| X4.4 Records Review | 4, 5 |
| X4.5 Site Reconnaissance | 6 |
| X4.6 Interviews | 4, 7, 8.1 |
| X4.7 Evaluation | 9 |
| X4.8 Non-Scope Services | 10 |
| X4.9 Appendices | Appendix A, B, C, D, E, F |

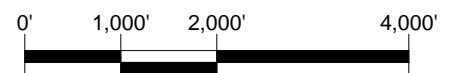
FIGURES



SOURCE: USGS GLADSTONE OR QUADRANGLE 1981, PHOTO REVISED 1984.



OREGON



SCALE: 1" = 2,000'

PREPARED FOR: NORTH CLACKAMAS PARKS AND RECREATION DISTRICT



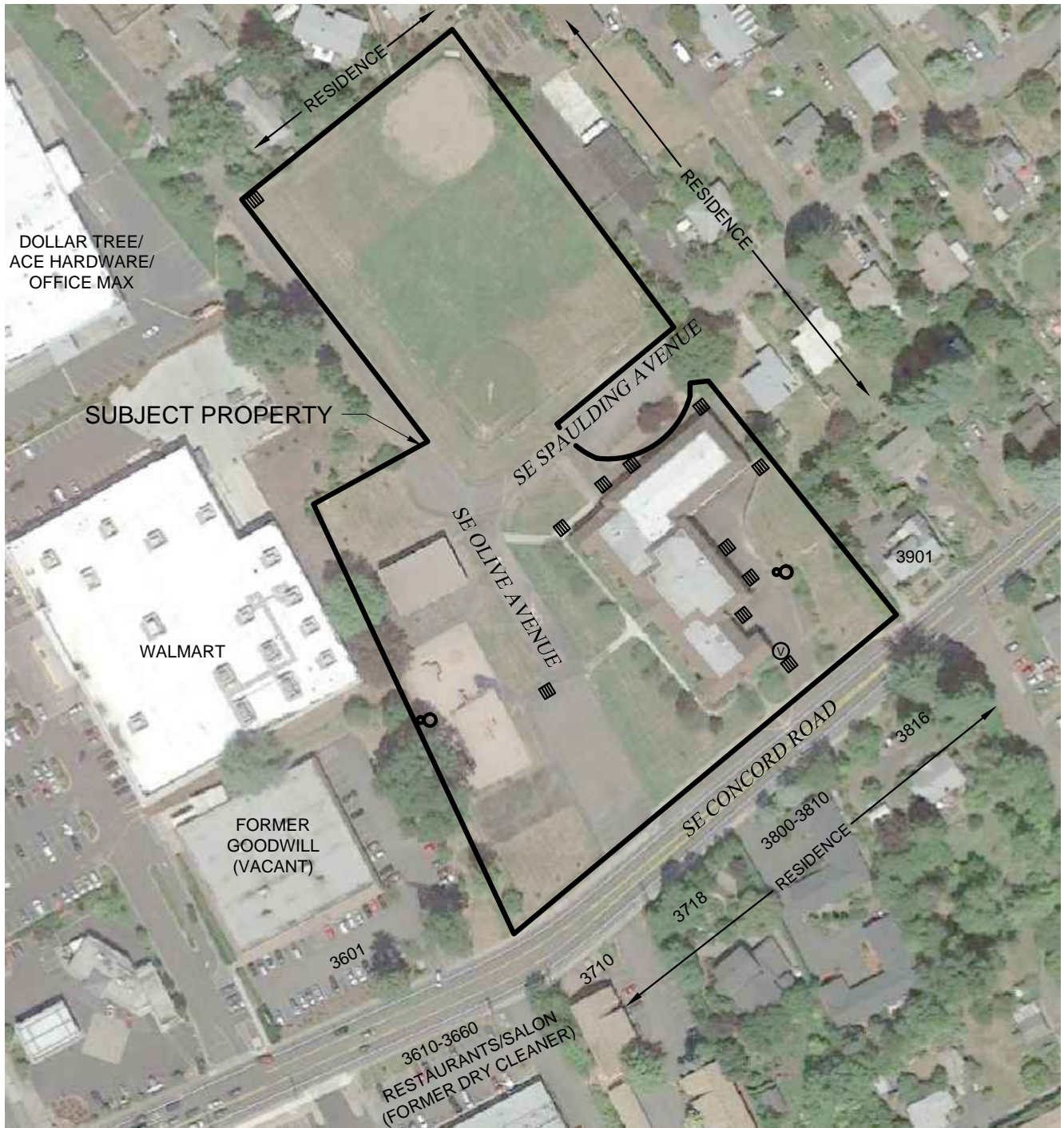
PROJECT #
22627.001

DATE
FEB 2017

VICINITY MAP
3811 SE CONCORD ROAD
MILWAUKIE, OREGON




FIGURE

1



SOURCE: © 2017 GOOGLE EARTH PRO.

LEGEND

-  CATCH BASIN
-  POLE-MOUNTED TRANSFORMER
-  UST VENT PIPE AND FILL CAP



SCALE: 1" = 150'

PREPARED FOR: NORTH CLACKAMAS PARKS AND RECREATION DISTRICT



PROJECT #
22627.001

DATE
FEB 2017

SITE PLAN
3811 SE CONCORD ROAD
MILWAUKIE, OREGON

FIGURE

2

APPENDIX A

CONTRACT AND RESUMES

PBS Proposal/Contract to Provide a Phase I Environmental Site Assessment
Resumes/Staff Qualifications

Purchase Order

#000000466

North Clackamas Parks District

150 Beavercreek Rd
Oregon City OR 97045
United States

Supplier: 0000035728
PBS ENGINEERING & ENVIRONMENTAL INC
1310 MAIN ST
VANCOUVER WA 98660

Dispatch via E-Mail

| | | | |
|------------------|----------------------------|----------|------|
| Purchase Order | Date | Revision | Page |
| NCPRD-0000000466 | 01/18/2017 | | 1 |
| Payment Terms | Freight Terms | Ship Via | |
| Due Now | FOB Dest, Seller bears Frt | Best Way | |
| Buyer | Phone | Currency | |
| Ryan Rice | | | |

Ship To: 5400
150 Beavercreek Rd
Oregon City OR 97045
United States

Attention: Not Specified

Bill To: 150 Beavercreek Rd
Oregon City OR 97045
United States

Tax Exempt? N Tax Exempt ID:

| Line-Sch | Item/Description | Mfg ID | Quantity | UOM | PO Price | Extended Amt | Due Date |
|----------|------------------|--------|----------|-----|----------|--------------|----------|
|----------|------------------|--------|----------|-----|----------|--------------|----------|

| | | | | | | | |
|------|---|--|----|--|------|--|------------|
| 1- 1 | 113-5400-07715-431000---3,400.00 PHASE I- ENVIRONMENTAL SITE ASSESSMENT OF THE PROPERTY AT 3811 SE CONCORD ROAD, MILWAUKIE OR 97267 | | EA | | 1.00 | | 01/18/2017 |
|------|---|--|----|--|------|--|------------|

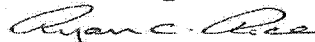
Schedule Total _____

Item Total _____

Total PO Amount _____

This order is subject to Clackamas County Purchase Order Standard Terms and Conditions, hereby incorporated by reference and found at: <http://www.clackamas.us/bids>

Authorized Signature



PROFESSIONAL SERVICES CONTRACT DOCUMENTS

FOR THE

**PHASE I – ENVIRONMENTAL SITE ASSESSMENT OF THE PROPERTY AT
3811 SE CONCORD ROAD, MILWAUKIE OR 97267**

****PBS Engineering & Environmental, Inc.****

BOARD OF COUNTY COMMISSIONERS

Commissioner Jim Bernard, Chair

Commissioner Ken Humberston

Commissioner Paul Savas

Commissioner Martha Schrader

Donald Krupp
County Administrator

George Marlton
Procurement Division Director

Ryan Rice
Buyer

PROFESSIONAL SERVICES CONTRACT

This Professional Services Contract ("Contract") is entered into by and between North Clackamas Parks and Recreation, a political subdivision of the State of Oregon ("District"), and PBS Engineering & Environmental, Inc. ("Contractor"), to provide the services described below at the rates included in Attachment "A," which by this reference is hereby made a part hereof and incorporated herein. The following provisions shall comprise this Contract:

I. SCOPE:

This Contract covers the services to provide phase I environmental site assessment services for the property located at 3811 SE Concord Road, Milwaukie Oregon 97267 as more fully described in Attachment "A". The Contractor shall meet the standards prevalent in the industry or business most closely involved in providing the appropriate goods or services. Work shall be performed in accordance with a schedule approved by the District. The term of the Contract shall commence upon the execution of this Contract by both parties and shall continue until January 31, 2017.

II. COMPENSATION:

A. The District agrees to compensate the Contractor on a [fixed fee, time and material] basis as provided for in Attachment "A" inclusive. Invoices submitted for payment in connection with this Contract shall be properly documented and shall indicate pertinent District contract and/or purchase order numbers. All charges shall be billed monthly and will be paid net 30 days from receipt of invoice. The maximum compensation authorized under this Contract shall be

B. The Contractor is engaged hereby as an independent contractor and will be so deemed for purposes of the following:

1. The Contractor will be solely responsible for payment of any Federal or State taxes required as a result of this Contract.
2. This Contract is not intended to entitle the Contractor to any benefits generally granted to District employees. Without limitation, but by way of illustration, the benefits which are not intended to be extended by this Contract to the Contractor are vacation, holiday and sick leave, other leaves with pay, tenure, medical and dental coverage, life and disability insurance, overtime, Social Security, Workers' Compensation, unemployment compensation, or retirement benefits (except insofar as benefits are otherwise required by law if the Contractor is presently a member of the Oregon Public Employees Retirement System).
3. If the Contractor has the assistance of other persons in the performance of this Contract, and the Contractor is a subject employer, the Contractor shall qualify and remain qualified and pay employees for the term of work in accordance with this Contract as an insured employer under Oregon Revised Statutes ("ORS") 279B.020 and ORS 279B.235, which are incorporated herein by this reference.

C. The Contractor certifies that, at present he or she if an individual, is not a program, Agency, or Federal employee.

D. The Contractor, if an individual, certifies that he or she is not a member of the Oregon Public Employees Retirement System.

III. CONSTRAINTS

The Contractor agrees:

A. If the services to be provided pursuant to Section I Scope are professional and/or consultative, the Contractor shall not delegate the responsibility for providing those services to any other individual or agency.

B. Pursuant to the requirements of state law, the following terms and conditions are made a part of this Contract:

1. Contractor shall:

a. Make payments promptly, as due, to all persons supplying to the Contractor labor or materials for the prosecution of the work provided for in this Contract.

b. Pay all contributions or amounts due the Industrial Accident Fund from such Contractor or subcontractor incurred in the performance of this Contract.

c. Not permit any lien or claim to be filed or prosecuted against the District on account of any labor or material furnished.

2. If the Contractor fails, neglects or refuses to make prompt payment of any claim for labor or services furnished to the Contractor or a subcontractor by any person in connection with this Contract as such claim becomes due, the proper officer representing the District may pay such claim to the person furnishing the labor or services and charge the amount of the payment against funds due or to become due the Contractor by reason of this Contract.

3. The Contractor shall pay employees for work in accordance with ORS 279B.020 and ORS 279B.235, which are incorporated herein by this reference.

All subject employers working under the Contract are either employers that will comply with ORS 656.017 or employers that are exempt under ORS 656.126.

4. The Contractor shall promptly, as due, make payment to any person or copartnership, association or corporation furnishing medical, surgical and hospital care or other needed care and attention incident to sickness and injury to the employees of the Contractor, of all sums which the Contractor agrees to pay for such services and all moneys and sums which the Contractor collected or deducted from the wages of the Contractor's employees pursuant to any law, contract or agreement for the purpose of providing or paying for such services.

5. This Contract is expressly subject to the debt limitation of Oregon counties set forth in Article XI, Section 10, of the Oregon Constitution, and is contingent upon funds being appropriated therefore. Any provisions herein which would conflict with law are deemed inoperative to that extent.

6. The Contractor shall comply with all federal, state and local laws, regulation, executive orders and ordinances applicable to the Work as described in Attachment A under this Contract.

7. To the extent the Contractor is negligent, the Contractor shall indemnify, hold harmless and defend the District, its officers, elected officials, and employees from and against all claims and actions, and all expenses incidental to the investigation and defense thereof, arising out of or based upon damage or injuries to persons or property caused by the negligent acts, errors, omissions, or fault of the Contractor or the Contractor's employees.

8. The Contractor's failure to perform the scope of work identified or failure to meet established performance standards shall be subject to consequences that include but are not limited to any or all of:

a. Reducing or withholding payment;

b. Requiring the Contractor to perform, at the Contractor's expense, additional work necessary to perform the identified scope of work or meet the established performance standards; or

c. Declaring a default, terminating the Contract and seeking damages and other relief under the terms of the Contract or other applicable law.

9. **Governing Law.** This Contract shall be governed and construed in accordance with the laws of the State of Oregon without regard to principles of conflicts of law. Any claim, action, or suit between District and Contractor that arises out of or relates to the performance of this Contract shall be brought and conducted solely and exclusively within the Circuit Court for Clackamas County, for the State of Oregon. Provided, however, that if any such claim, action, or suit may be brought in a federal forum, it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. Contractor, BY EXECUTION OF THIS CONTRACT, HEREBY CONSENTS TO THE IN PERSONAM JURISDICTION OF SAID COURTS.

10. This Contract consists of the following documents which are listed in descending order or precedence and are attached and incorporated by reference, this Professional Services Contract and Attachment A.

IV. INSURANCE REQUIREMENTS

A. Commercial General Liability

Required by District Not required by District

The Contractor agrees to furnish the District evidence of commercial general liability insurance in the amount of \$1,000,000 combined single limit per occurrence / \$2,000,000 general annual aggregate for personal injury and property damage for the protection of the District, its officers, commissioners, and employees against liability for damages because of personal injury, bodily injury, death or damage to property, including loss of use thereof, in any way related to this Contract.

B. Automobile Liability

Required by District Not required by District

The Contractor agrees to furnish the District evidence of business automobile liability insurance in the amount of \$500,000 combined single limit for bodily injury and property damage for the protection of the District, its officers, commissioners, and employees against liability for damages because of bodily injury, death or damage to property, including loss of use thereof in any way related to this Contract.

C. Professional Liability

Required by District Not required by District

The Contractor agrees to furnish the District evidence of professional liability insurance in the amount of \$1,000,000 combined single limit per occurrence/\$2,000,000 general annual aggregate for errors and omissions coverage for the protection of District, its officers, commissioners, and employees against liability for damages because of personal injury, bodily injury, death, or damage to property, including loss of use thereof, and damages because of negligent acts, errors and omissions in any way related to this Contract. The District, at its option, may require a complete copy of the above policy.

D. If the Contractor has the assistance of other persons in the performance of this Contract, and the Contractor is a subject employer, the Contractor agrees to qualify and remain qualified for the term of this Contract as an insured employer under ORS 656. The Contractor shall maintain employer's liability insurance with limits of \$100,000 for each accident, \$100,000 per disease for each employee, and \$500,000 each minimum policy limit.

E. The insurance, other than the Workers' Compensation and Professional liability, if required, shall include the District, its agents, officers, elected officials and employees as additional insured when and where required by written contract.

If the Contractor's insurance policy does not include a blanket endorsement for additional insured status when and where required by written contract, the insurance, except that noted in the preceding paragraph, shall include the District, its agents, officers, commissioners and employees as an additional insured. Proof of insurance must be provided upon request in the form of an endorsement listing the District, its agents, officers, commissioners and employees as an additional insured. Use Form CG 20 10 or its equivalent. Such insurance shall provide sixty (60) days written notice to the District in the event of a cancellation or material change and include a statement that no act on the part of the insured shall affect the coverage afforded to the District under this insurance. This policy(s) shall be primary insurance as respects to the District. Any insurance or self- insurance maintained by the District shall be excess and shall not contribute to it.

F. If any other required liability insurance is arranged on a "claims made" basis, "tail" coverage will be required at the completion of this Contract for a duration of thirty-six (36) months or the maximum time period the Contractor's insurer will provide "tail" coverage as subscribed, whichever is greater, or continuous "claims made" liability coverage for thirty-six (36) months following the Contract completion. Continuous "claims made" coverage will be acceptable in lieu of "tail" coverage provided the coverage's retroactive date is on or before the effective date of this Contract.

G. The insurance, other than the Workers' Compensation and Professional liability, if required, shall include the District, its agents, officers, commissioners and employees as an additional insured when and where required by written contract.

If the Contractor's insurance policy does not include a blanket endorsement for additional insured status when and where required by written contract, the insurance, except that noted in the preceding paragraph, shall include the District, its agents, officers, commissioners and employees as an additional insured. Proof of insurance must be provided upon request in the form of an endorsement listing the District, its agents, officers, commissioners and employees as an additional insured. Use Form CG 20 10 or its equivalent. Such insurance shall provide sixty (60) days written notice to the District in the event of a cancellation or material change and include a statement that no act on the part of the insured shall affect the coverage afforded to the District under this insurance. This policy(s) shall be primary insurance as respects to the District. Any insurance or self- insurance maintained by the District shall be excess and shall not contribute to it.

H. The Contractor shall require that all of its subcontractors of any tier provide insurance coverage (including additional insured provisions) and limits identical to the insurance required of the Contractor under this Contract, unless this requirement is expressly modified or waived by the District in writing.

V. LAWS, REGULATION AND ORDERS AND TAX LAW COVENANT

A. The Contractor at all times shall observe and comply with all federal and state laws and lawful regulations issued there under and local bylaws, ordinances, regulations and codes which in any manner affect the activities of the Contractor under this Contract, and further shall observe

and comply with all orders or decrees as exist at present and those which may be enacted later by bodies or tribunals having any jurisdiction or authority over such activities of the Contractor.

B. The Contractor must, throughout the duration of this Contract and any extensions, comply with all tax laws of this state and all applicable tax laws of any political subdivision of this state. Any violation of this section shall constitute a material breach of this Contract. Any violation shall entitle the District to terminate this Contract, to pursue and recover any all damages that arise from the breach and the termination of this Contract, and to pursue any or all of the remedies available under this Contract, at law, or in equity, including but not limited to:

1. Termination of this Contract, in whole or in part;
2. Exercise of the right of setoff, and withholding of amounts otherwise due and owing to the Contractor, in an amount equal to the District's setoff right, without penalty; and
3. Initiation of an action of proceeding for damages, specific performance, declaratory or injunctive relief. The District shall be entitled to recover any and all damages suffered as the result of the Contractor's breach of this Contract, including but not limited to direct, indirect, incidental and consequential damages, costs of cure, and costs incurred in securing replacement performance.

These remedies are cumulative to the extent the remedies are not inconsistent, and the District may pursue any remedy or remedies singly, collectively, successively, or in any order whatsoever.

C. The Contractor represents and warrants that, for a period of no fewer than six calendar years preceding the effective date of this Contract, has faithfully complied with:

1. All tax laws of this state, including but not limited to ORS 305.620 and ORS Chapters 316,317, and 318;
2. Any tax provisions imposed by a political subdivision of this state that applied to the Contractor, to the Contractor's property, operations, receipts, or income, or to the Contractor's performance of or compensation for any work performed by the Contractor;
3. Any tax provisions imposed by a political subdivision of this state that applied to the Contractor, or to goods, services, or property, whether tangible or intangible, provided by the Contractor; and
4. Any rules, regulations, charter provisions, or ordinances that implemented or enforced any of the foregoing tax laws or provisions.

VI. SUBCONTRACTS:

The Contractor shall be responsible to the District for the actions of persons and firms performing subcontract work. The Contractor certifies that the Contractor has not discriminated and will not

discriminate against any minority, women or emerging small business enterprise that is owned or controlled by or that employs a disabled veteran, in obtaining any subcontract.

VII. TERMINATION-AMENDMENT:

A. This Contract may be terminated for the following reasons:

1. This Contract may be terminated at any time by mutual consent of the parties, or by District for convenience upon thirty (30) days' written notice to the Contractor;

2. The District may terminate this Contract effective upon delivery of notice to Contractor, or at such later date as may be established by the District if:

a. Federal or state laws, rules, regulations, or guidelines are modified, changed, or interpreted in such a way that either the work under this Contract is prohibited or the District is prohibited from paying for such work from the planned funding source; or

b. Any license or certificate required by law or regulation to be held by the Contractor to provide the services required by this Contract is for any reason denied, revoked, or not renewed.

3. This Contract may also be immediately terminated by the District for default (including breach of Contract) if:

a. The Contractor fails to provide services or materials called for by this Contract within the time specified herein or any extension thereof; or

b. The Contractor fails to perform any of the other provisions of this Contract or so fails to pursue the work as to endanger the performance of this Contract in accordance with its terms, and after receipt of notice from the District, fails to correct such failure within ten (10) business days;

4. If sufficient funds are not provided in future approved budgets of the District (or from applicable federal, state, or other sources) to permit the District in the exercise of its reasonable administrative discretion to continue this Contract, or if the program for which this Contract was executed is abolished, the District may terminate this Contract without further liability by giving the Contractor not less than thirty (30) days' notice.

B. This Contract and any amendments to this contract will not be effective until approved in writing by an authorized representative of the Board of County Commissioners of Clackamas County.

C. This Contract supersedes and cancels any prior contracts between the parties hereto for similar services.

The undersigned, by its signature, agrees to perform the scope of work as described in the Contract documents and meet the performance standards set forth therein. By their signatures below, the parties to this Contract agree to the terms, conditions, and content expressed herein. This Contract may be executed in several counterparts, each of which shall be an original, all of which shall constitute but one and the same instrument.

PBS Engineering and Environmental, Inc.
4412 SW Corbett Ave,
Portland, OR 97239

North Clackamas Parks & Recreation District

Heidi Yantz
Authorized Signature

Gary Barth, Director

Heidi Yantz Principal Hydrogeologist
Name / Title (Printed)

Date

1/16/17
Date

503-248-1939
Telephone Number / Fax Number

APPROVED AS TO FORM

0344808-2
*Oregon Business Registry #

n/a
County Counsel

Corp / Oregon
Entity Type / State of Formation

Date

* Please do not provide assumed business names or trade names. Please provide only the correct legal name of the entity or individual entering into the Contract.

ATTACHMENT "A"



Engineering +
Environmental

January 4, 2017

Scott Archer
North Clackamas Parks and Recreation District
150 Beavercreek Road
Oregon City, Oregon 97045

Via email: sarcher@co.clackamas.or.us

Proposal for: Phase I Environmental Site Assessment
3811 SE Concord Road
Milwaukie, Oregon
PBS Project: 22627.001

Dear Mr. Archer:

PBS Engineering and Environmental Inc. (PBS) is pleased to submit this proposal (PBS Proposal) to provide Phase I Environmental Site Assessment (ESA) services for the above-referenced property. It is understood that the subject property consists of one 5.97 acre tax lot currently owned by the North Clackamas School District. The following scope of services and compensation are based on PBS' understanding of current structures, site conditions, and usage.

PROJECT APPROACH

The scope of services follows requirements of the United States Environmental Protection Agency (EPA) All Appropriate Inquiries (AAI) Rule, effective November 2013, to establish protection from CERCLA liability for innocent landowners, bona fide prospective purchasers, and contiguous property owners. This scope will also follow ASTM Standard E1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, which the EPA approves as meeting AAI requirements.

PBS investigators meet the Environmental Professional criteria, and bring many years of diverse experience to this project.

A more detailed scope of services is provided as an attachment to this proposal and contains important assumptions related to the completion of this work. Please review this section carefully.

COMPENSATION

Phase I Environmental Site Assessment (Flat Fee)

The cost of production, disposable equipment, and mileage are included in the above lump sum. ***An electronic copy of the final report will be provided.***

This estimate includes the following assumptions:

- Cost for title report is not included (see detailed scope).
- The cost of report revisions or amendments made after the report is finalized, as a result of information not available to PBS during the project, will be charged on a time and materials fee scale.

4412 SW Corbett Avenue, Portland, OR 97239
503.248.1939 Main
888.727.0140 Fax
888.248.1939 Toll-Free
www.pbsenv.com

Bend | Boise | Coos Bay | Eugene | Issaquah | Portland | Seattle | Tri-Cities | Vancouver | Walla Walla

- **PBS provides recommendations in our Phase I ESA reports, unless instructed otherwise. See Checklist option if a separate recommendation letter is preferred.**
- Other services provided on a time and materials fee scale may include draft reports, report hard copies, client-requested in-person meetings and conference calls to discuss findings. PBS will inform the client when these extra charges are being incurred.
- A standard PBS reliance letter to third parties can be provided at \$250 each within 60 days of report completion. Letters provided after 60 days may be provided for a higher fee. Client- or lender-specific reliance letters must be reviewed by PBS and may be associated with a higher fee.

The fees and terms under which PBS services are provided will be in accordance with the attached Phase I ESA: Terms and Conditions for Professional Services (Terms and Conditions), revised March 2015. The Terms and Conditions and this proposal constitute the entire Agreement between the parties and may not be changed without prior written consent.

The pricing and other information contained in this proposal document are proprietary and shall not be duplicated, used, or disclosed in whole or in part to other parties without the permission of PBS.

SCHEDULE

PBS anticipates that its services can be started immediately upon receipt of a signed full copy of this Agreement; please review and return all attachments. The scope of services will be completed in approximately three weeks of receiving the signed contract. Please review Agency File Check in the Scope of Services attachment regarding potential impacts to this schedule.

Please contact me if this schedule does not meet your requirements.

APPROVAL

You may indicate acceptance of this Agreement by returning a signed copy or a purchase order incorporating the terms of the Agreement.

A full, signed copy of the Agreement, Project Checklist, and Client Questionnaire can be emailed (claudia.byes-lund@pbsenv.com) or faxed to my attention at 866.727.0140.

We appreciate the opportunity to submit our proposal to you and look forward to your favorable consideration. If you have any questions or wish to further discuss the project, please contact me at 503.417.7692 or claudia.byes-lund@pbsenv.com.

Sincerely,
PBS Engineering and Environmental Inc.



Claudia Byes-Lund
Project Scientist

ACCEPTED BY:
North Clackamas Parks and Recreation District

Signature of Authorized Representative

Name (Please Print)

Title

Date

Attachments: Project Checklist
Client Questionnaire
Scope of Services and Limitation of Scope
Phase I ESA: Terms and Conditions for Professional Services (Rev.03/2015)



PBS Phase I ESA – Scope of Services

The scope of services for this project includes a review of applicable environmental databases, a review of readily available records to document the past and current uses of the subject property and adjoining properties, interviews with persons with knowledge of the site, a site reconnaissance, and a final report summarizing PBS' findings and conclusions. PBS has prepared this report using information that is *reasonably ascertainable*, that is, information that is *practically reviewable*, *publically available*, and obtainable from its source within reasonable time and cost constraints.

PBS will provide the following specific scope of services for the property:

1. **Initial Meeting:** Meet or talk with the property owner or other key personnel to further discuss the project and to obtain any information that may be relevant to the site or adjoining land. Interviews with past owners, occupants, and operators of the site will also be conducted. An environmental questionnaire will be submitted to the current owner for completion, as well as to other persons identified as having specific knowledge of the site.
 - In order to qualify as AAI and meet ASTM E1527-13 requirements, it is understood that the Client will complete the Client (User) Questionnaire.
2. **Agency File Check:** Using a commercial database search provider, obtain a search of federal, state, tribal, and local listings or records per ASTM E1527-13 and AAI requirements, including Activity and Use Limitations databases, to identify known hazardous substance violations, contaminant discharges, and other environmental problems for varying distances based upon their relative potential impact to the subject property.
 - PBS relies on readily available electronic database information whenever possible. A physical file review may be undertaken if needed to resolve specific questions regarding the subject property or adjoining properties. In the event that file review requires more than one hour to complete and/or travel more than 30 miles from the nearest PBS branch office, additional expenses will be charged.
 - In the event in-person file review is deemed critical to assessment of the subject property, PBS will schedule an appointment with the agency as soon as feasible. If the appointment date requires an extension of the noted time frame for project completion, PBS will immediately discuss this with the Client.
3. **Geologic Research:** As appropriate, review available soils, geology, engineering, groundwater or other reports regarding the property and the immediate vicinity.
4. **Historical Review:** Review aerial photographs of the site and adjacent property to assess previous site conditions and operations (if available). Other historical information that may be reviewed at the discretion of the Environmental Professional (EP) includes Sanborn fire maps, city directories, building permits, or property chain of title information or preliminary title report (if provided by the Client) to determine history of usage. Whenever feasible, the history of the property will be traced to 1940 or to a time prior to its earliest developed use, whichever is earlier.
5. **Physical Inspection:** PBS assumes that the site is accessible and safe to enter and perform the assessment. An EP or qualified staff working under the guidance of an EP, will conduct one site visit, during which the property and any structures will be visually and/or physically observed for potentially hazardous substances existing in the past or present. A field checklist will be completed, and pertinent observations related to potential environmental conditions on the subject property and the adjoining properties will be recorded. Interviews with the owner, previous owner, on-site personnel, tenants and other persons familiar with the history of the area may be conducted.

6. **Report:** A report will be prepared containing observations and conclusions relating to the apparent environmental conditions of the site. The report will include a description of the site and conditions encountered, topographic area map and local site and vicinity plan, and documentation of resources including interviews, regulatory and historic records reviewed, data gaps, opinion, and conclusions. As required by ASTM E1527-13, the content will include all documents that were used by PBS to form an opinion. If appropriate, recommendations will be made in the text of the report, unless PBS is directed otherwise by the Client (See Checklist for option).

PBS Phase I ESA – Limitations

The purpose of this phase of the work is to determine if more in-depth studies are to be developed. Observations will be made based on the best available information by trained professionals. It is not intended to be a comprehensive determination of all potential liabilities associated with a particular property, nor is it represented as a legal opinion as to the Client's performance of "due diligence" concerning the purchase of real estate. Unless otherwise specified, the scope of services does not include a review/opinion of legal instruments such as indemnification agreements, purchase and sale agreements, liens, etc. Its cursory nature is to be noted by all parties.

Unless noted elsewhere in this proposal, the scope of services for the project does not address a number of potentially significant environmental issues including, but not limited to, hazardous materials audit, environmental compliance, vapor encroachment assessment per ASTM standard E2600 (formaldehyde or radon), asbestos-containing building materials, PCBs, lead in paint, mold, wetlands and other land use issues, drinking water quality, geotechnical or geologic hazards, nor does it include subsurface exploration or chemical screening of soil and groundwater beneath the site.

It is standard practice in the industry to use a commercial database search provider to meet the database search requirements of the ASTM Method. Although PBS reviews the provided work product, database provider reports are subject to the limitations, constraints, inaccuracies, and incompleteness of government information and of computer mapping data and conventions (refer to any disclaimer of liability made in the database report). The database report is included in an Appendix to the PBS report.

The findings and conclusions of the report are not scientific certainties, but rather are probabilities based on professional judgment concerning the significance of the data gathered during the course of the study. PBS is not able to represent that the subject property or adjoining land contain no hazardous substances, oil, or other latent condition beyond that detected or observed by PBS during the study. The possibility always exists for contaminants to migrate undetected through surface water, air, soil, or groundwater. The ability to accurately address the environmental risk associated with transport in these media is beyond the scope of this study.

INSURANCE CERTIFICATES



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/5/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | |
|--|---|------------------------|
| PRODUCER Brown & Brown Northwest 2701 NW Vaughn St, Ste. 340 Portland, OR 97210 www.bbnw.com | CONTACT NAME: Ross Erickson PHONE (A/C No. Ext): 5032193229 E-MAIL ADDRESS: rerickson@bbnw.com | FAX (A/C, No): |
| | INSURER(S) AFFORDING COVERAGE | |
| INSURED PBS Engineering and Environmental Inc. PBS Environmental Building Consultants 4412 SW Corbett Ave Portland OR 97239 | INSURER A: Arch Specialty Insurance Company | NAIC # 21199 |
| | INSURER B: Ohio Security Insurance Company | 24082 |
| | INSURER C: SAIF Corporation | |
| | INSURER D: | |
| | INSURER E: | |
| | INSURER F: | |

COVERAGES

CERTIFICATE NUMBER: 33641427

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|---|--|----------|---|-------------------------|-------------------------|---|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> WA Stop Gap <input checked="" type="checkbox"/> Professional/Pollution GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: | <input checked="" type="checkbox"/> | | 12 EMP 71954 05 Prof/Pollution Liability Deductible: \$10,000 | 10/1/2016 | 10/1/2017 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 |
| B | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY | <input checked="" type="checkbox"/> | | BAS 57405756 | 10/1/2016 | 10/1/2017 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ |
| | <input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$ | | | | | | EACH OCCURRENCE \$ AGGREGATE \$ |
| C | <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below | Y/N <input checked="" type="checkbox"/> N | N/A | 446803 (Includes USLH) | 10/1/2016 | 10/1/2017 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: All Projects / Operations of the Named Insured
 General Liability Policy includes Blanket Additional Insured & Waiver of Subrogation coverage per attached endorsements ML0207, & EMP0052.
 Business Auto Policy includes blanket additional insured & waiver of subrogation coverage per attached endorsement CA8810 01/10.
 Workers Compensation Policy includes a contract waiver of subrogation per attached endorsement WC000313.
 All Subject to policy terms, conditions & exclusions

CERTIFICATE HOLDER**CANCELLATION**

North Clackamas Parks and Recreation District
 150 Beaver Creek Road
 Oregon City OR 97045

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Craig Payne

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ACORD 25 (2016/03)

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED/ PRIMARY COVERAGE
INCLUDING COMPLETED OPERATIONS (COVERAGES A, B, D & F)**

This endorsement modifies insurance provided under the **Environmental Multiline Policy**

In consideration of the premium charged, it is hereby agreed that Section III - WHO IS AN INSURED is amended to include as an Additional Insured the person or organization shown in the schedule below as respects Coverages A, B, D, and F, but only to the extent of liability arising out of YOUR WORK performed by you or on your behalf for that Additional Insured and not due to any actual or alleged independent liability of said Additional Insured.

This Endorsement does not apply to BODILY INJURY or PROPERTY DAMAGE arising out of the sole negligence or willful conduct of, or for defects in design furnished by the Additional Insured.

As respects the coverage afforded the Additional Insured, this insurance is primary and non-contributory, and our obligations are not affected by any other insurance carried by such Additional Insured whether primary, excess, contingent or on any other basis.

This endorsement does not increase the Company's limits of liability as specified in the Declarations of this policy.

Additional Insured:

**ANY PERSON OR ORGANIZATION FOR WHOM YOU PERFORM WORK
UNDER A WRITTEN CONTRACT THAT REQUIRES YOU TO OBTAIN THIS
AGREEMENT FROM US. THE WRITTEN CONTRACT MUST BE EFFECTIVE
PRIOR TO THE DATE OF THE LOSS OCCURRENCE**

All other terms and conditions of this Policy remain unchanged.

Issued By: Arch Specialty Insurance Company

Policy Number: 12 EMP 71954 05

Named Insured: PBS Engineering and Environmental Inc.

This endorsement is effective on the inception date of this Policy unless otherwise stated herein:

Endorsement Effective Date: 10/1/2016



President

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF SUBROGATION— SPECIFIC PERSON OR ORGANIZATION
ENDORSEMENT**

This endorsement modifies insurance provided under the **Environmental Multiline Policy**

In consideration of the premium charged, it is hereby agreed that SECTION V, Conditions, paragraph 13. Subrogation is amended to include the following:

We agree to waive this right of subrogation against the person or organization shown in the Schedule below to the extent that you had, prior to an OCCURRENCE or CLAIM, a written agreement to waive such rights.

Name of Person or Organization:

Schedule

ANY PERSON OR ORGANIZATION FOR WHOM YOU PERFORM WORK UNDER A WRITTEN CONTRACT THAT REQUIRES YOU TO OBTAIN THIS AGREEMENT FROM US. THE WRITTEN CONTRACT MUST BE EFFECTIVE PRIOR TO THE DATE OF THE LOSS OCCURRENCE.

All other terms and conditions of this Policy remain unchanged.

Issued By: Arch Specialty Insurance Company

Policy Number: 12 EMP 71954 05

Named Insured: PBS Engineering and Environmental Inc.

This endorsement is effective on the inception date of this Policy unless otherwise stated herein:

Endorsement Effective Date: 10/1/2016

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PER PROJECT AGGREGATE ENDORSEMENT

This endorsement modifies insurance provided under the:

Environmental Multiline Policy

In consideration of the premium charged, it is hereby agreed that, with respect to the Commercial General Liability coverage parts (A., B., & C.), the General Aggregate Limit shown in Item 5. of the Declarations applies separately to each of your projects away from premises own by or rented to YOU.

All other terms and conditions of this Policy remain unchanged.

Issued By: ARCH SPECIALTY INSURANCE COMPANY

Policy Number: 12 EMP 71954 05

Named Insured: PBS Engineering and Environmental Inc.

Endorsement Effective Date: 10/1/2016



President

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
BUSINESS AUTO COVERAGE ENHANCEMENT ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

With respect to coverage afforded by this endorsement, the provisions of the policy apply unless modified by the endorsement.

COVERAGE INDEX

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SECTION II - LIABILITY COVERAGE is amended as follows:

1. BROAD FORM INSURED

SECTION II - LIABILITY COVERAGE, paragraph **A.1. - WHO IS AN INSURED** is amended to include the following as an insured:

- d. Any legally incorporated entity of which you own more than 50 percent of the voting stock during the policy period. However, "insured" does not include any organization that:
- (1) Is a partnership or joint venture; or
 - (2) Is an insured under any other automobile policy; or
 - (3) Has exhausted its Limit of Insurance under any other automobile policy.

Paragraph d. (2) of this provision does not apply to a policy written to apply specifically in excess of this policy.

- e. Any organization you newly acquire or form, other than a partnership or joint venture, of which you own more than 50 percent of the voting stock. This automatic coverage is afforded only for 180 days from the date of acquisition or formation. However, coverage under this provision does not apply:

- (1) If there is similar insurance or a self-insured retention plan available to that organization;

- (2) If the Limits of Insurance of any other insurance policy have been exhausted; or
- (3) To "bodily injury" or "property damage" that occurred before you acquired or formed the organization.

2. EMPLOYEES AS INSURED

SECTION II - LIABILITY COVERAGE, paragraph **A.1.** - WHO IS AN INSURED is amended to include the following as an insured:

- f. Any "employee" of yours while using a covered "auto" you do not own, hire or borrow but only for acts within the scope of their employment by you. Insurance provided by this endorsement is excess over any other insurance available to any "employee".
- g. An "employee" of yours while operating an "auto" hired or borrowed under a written contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business and within the scope of their employment. Insurance provided by this endorsement is excess over any other insurance available to the "employee".

3. ADDITIONAL INSURED BY CONTRACT, AGREEMENT OR PERMIT

SECTION II - LIABILITY COVERAGE, paragraph **A.1.** - WHO IS AN INSURED is amended to include the following as an insured:

- h. Any person or organization with respect to the operation, maintenance or use of a covered "auto", provided that you and such person or organization have agreed in a written contract, agreement, or permit issued to you by governmental or public authority, to add such person, or organization, or governmental or public authority to this policy as an "insured".

However, such person or organization is an "insured":

- (1) Only with respect to the operation, maintenance or use of a covered "auto";
- (2) Only for "bodily injury" or "property damage" caused by an "accident" which takes place after you executed the written contract or agreement, or the permit has been issued to you; and
- (3) Only for the duration of that contract, agreement or permit

4. SUPPLEMENTARY PAYMENTS

SECTION II - LIABILITY COVERAGE, Coverage Extensions, **2.a.** Supplementary Payments, paragraphs (2) and (4) are replaced by the following:

- (2) Up to \$3,000 for cost of bail bonds (including bonds for related traffic violations) required because of an "accident" we cover. We do not have to furnish these bonds.
- (4) All reasonable expenses incurred by the insured at our request, including actual loss of earnings up to \$500 a day because of time off from work.

5. AMENDED FELLOW EMPLOYEE EXCLUSION

In those jurisdictions where, by law, fellow employees are not entitled to the protection afforded to the employer by the workers compensation exclusivity rule, or similar protection, the following provision is added:

SECTION II - LIABILITY, exclusion **B.5.** FELLOW EMPLOYEE does not apply if the "bodily injury" results from the use of a covered "auto" you own or hire.

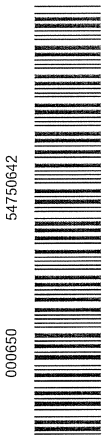
SECTION III - PHYSICAL DAMAGE COVERAGE is amended as follows:

6. HIRED AUTO PHYSICAL DAMAGE

Paragraph **A.4.** Coverage Extensions of SECTION III - PHYSICAL DAMAGE COVERAGE, is amended by adding the following:

If hired "autos" are covered "autos" for Liability Coverage, and if Comprehensive, Specified Causes of Loss or Collision coverage are provided under the Business Auto Coverage Form for any "auto" you own, then the Physical Damage coverages provided are extended to "autos":

- a. You hire, rent or borrow; or



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- b. Your "employee" hires or rents under a written contract or agreement in that "employee's" name, but only if the damage occurs while the vehicle is being used in the conduct of your business,

subject to the following limit and deductible:

- A. The most we will pay for "loss" in any one "accident" or "loss" is the smallest of:
 - (1) \$50,000; or
 - (2) The actual cash value of the damaged or stolen property as of the time of the "loss"; or
 - (3) The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality, minus a deductible.
- B. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage.
- C. Subject to the limit, deductible and excess provisions described in this provision, we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own.
- D. Subject to a maximum of \$750 per "accident", we will also cover the actual loss of use of the hired "auto" if it results from an "accident", you are legally liable and the lessor incurs an actual financial loss.
- E. This coverage extension does not apply to:
 - (1) Any "auto" that is hired, rented or borrowed with a driver; or
 - (2) Any "auto" that is hired, rented or borrowed from your "employee".

For the purposes of this provision, SECTION V - DEFINITIONS is amended by adding the following: "Total loss" means a "loss" in which the cost of repairs plus the salvage value exceeds the actual cash value.

7. TOWING AND LABOR

SECTION III - PHYSICAL DAMAGE COVERAGE, paragraph **A.2.** Towing, is amended by the addition of the following:

We will pay towing and labor costs incurred, up to the limits shown below, each time a covered "auto" classified and rated as a private passenger type, "light truck" or "medium truck" is disabled:

- a. For private passenger type vehicles, we will pay up to \$50 per disablement.
- b. For "light trucks", we will pay up to \$50 per disablement. "Light trucks" are trucks that have a gross vehicle weight (GVW) of 10,000 pounds or less.
- c. For "medium trucks", we will pay up to \$150 per disablement. "Medium trucks" are trucks that have a gross vehicle weight (GVW) of 10,001 - 20,000 pounds.

However, the labor must be performed at the place of disablement.

8. PHYSICAL DAMAGE- ADDITIONAL TRANSPORTATION EXPENSE COVERAGE

Paragraph **A.4.a.**, Coverage Extension of SECTION III - PHYSICAL DAMAGE COVERAGE, is amended to provide a limit of \$50 per day and a maximum limit of \$1,500

9. RENTAL REIMBURSEMENT

SECTION III - PHYSICAL DAMAGE COVERAGE, A. COVERAGE, is amended by adding the following:

- a. We will pay up to \$75 per day for rental reimbursement expenses incurred by you for the rental of an "auto" because of "accident" or "loss", to an "auto" for which we also pay a "loss" under Comprehensive, Specified Causes of Loss or Collision Coverages. We will pay only for those expenses incurred after the first 24 hours following the "accident" or "loss" to the covered "auto."
- b. Rental Reimbursement will be based on the rental of a comparable vehicle, which in many cases may be substantially less than \$75 per day, and will only be allowed for the period of time it should take to repair or replace the vehicle with reasonable speed and similar quality, up to a maximum of 30 days.
- c. We will also pay up to \$500 for reasonable and necessary expenses incurred by you to remove and replace your tools and equipment from the covered "auto".
- d. This coverage does not apply unless you have a business necessity that other "autos" available for your use and operation cannot fill.
- e. If "loss" results from the total theft of a covered "auto" of the private passenger type, we will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided under Paragraph 4. Coverage Extension.
- f. No deductible applies to this coverage.

For the purposes of this endorsement provision, materials and equipment do not include "personal effects" as defined in provision 11.

10. EXTRA EXPENSE - BROADENED COVERAGE

Under SECTION III - PHYSICAL DAMAGE COVERAGE, A. COVERAGE, we will pay for the expense of returning a stolen covered "auto" to you. The maximum amount we will pay is \$1,000.

11. PERSONAL EFFECTS COVERAGE

A. SECTION III - PHYSICAL DAMAGE COVERAGE, A. COVERAGE, is amended by adding the following:

If you have purchased Comprehensive Coverage on this policy for an "auto" you own and that "auto" is stolen, we will pay, without application of a deductible, up to \$600 for "personal effects" stolen with the "auto."

The insurance provided under this provision is excess over any other collectible insurance.

B. SECTION V - DEFINITIONS is amended by adding the following:

For the purposes of this provision, "personal effects" mean tangible property that is worn or carried by an insured." "Personal effects" does not include tools, equipment, jewelry, money or securities.

12. ACCIDENTAL AIRBAG DEPLOYMENT

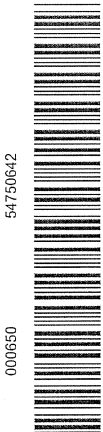
SECTION III - PHYSICAL DAMAGE COVERAGE, B. EXCLUSIONS is amended by adding the following:

If you have purchased Comprehensive or Collision Coverage under this policy, the exclusion for "loss" relating to mechanical breakdown does not apply to the accidental discharge of an airbag.

Any insurance we provide shall be excess over any other collectible insurance or reimbursement by manufacturer's warranty. However, we agree to pay any deductible applicable to the other coverage or warranty.

13. AUDIO, VISUAL AND DATA ELECTRONIC EQUIPMENT COVERAGE

SECTION III - PHYSICAL DAMAGE COVERAGE, B. EXCLUSIONS, exception paragraph a. to exclusions 4.c. and 4.d. is deleted and replaced with the following:



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Exclusion 4.c. and 4.d. do not apply to:

- a. Electronic equipment that receives or transmits audio, visual or data signals, whether or not designed solely for the reproduction of sound, if the equipment is permanently installed in the covered "auto" at the time of the "loss" and such equipment is designed to be solely operated by use of the power from the "auto's" electrical system, in or upon the covered "auto" and physical damage coverages are provided for the covered "auto"; or

If the "loss" occurs solely to audio, visual or data electronic equipment or accessories used with this equipment, then our obligation to pay for, repair, return or replace damaged or stolen property will be reduced by a \$100 deductible.

14. LOAN / LEASE GAP COVERAGE

- A. Paragraph C., LIMIT OF INSURANCE of SECTION III - PHYSICAL DAMAGE COVERAGE is amended by adding the following:

The most we will pay for a "total loss" to a covered "auto" owned by or leased to you in any one "accident" is the greater of the:

1. Balance due under the terms of the loan or lease to which the damaged covered "auto" is subject at the time of the "loss" less the amount of:
 - a. Overdue payments and financial penalties associated with those payments as of the date of the "loss",
 - b. Financial penalties imposed under a lease due to high mileage, excessive use or abnormal wear and tear,
 - c. Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease,
 - d. Transfer or rollover balances from previous loans or leases,
 - e. Final payment due under a "Balloon Loan",
 - f. The dollar amount of any unrepaired damage which occurred prior to the "total loss" of a covered "auto",
 - g. Security deposits not refunded by a lessor,
 - h. All refunds payable or paid to you as a result of the early termination of a lease agreement or as a result of the early termination of any warranty or extended service agreement on a covered "auto",
 - i. Any amount representing taxes,
 - j. Loan or lease termination fees; or

2. The actual cash value of the damage or stolen property as of the time of the "loss".

An adjustment for depreciation and physical condition will be made in determining the actual cash value at the time of the "loss". This adjustment is not applicable in Texas.

- B. ADDITIONAL CONDITIONS

This coverage applies only to the original loan for which the covered "auto" that incurred the loss serves as collateral, or lease written on the covered "auto" that incurred the loss.

- C. SECTION V - DEFINITIONS is changed by adding the following:

As used in this endorsement provision, the following definitions apply:

"Total loss" means a "loss" in which the cost of repairs plus the salvage value exceeds the actual cash value.

A "balloon loan" is one with periodic payments that are insufficient to repay the balance over the term of the loan, thereby requiring a large final payment.

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15. **GLASS REPAIR - WAIVER OF DEDUCTIBLE**

Paragraph **D. Deductible** of SECTION III - PHYSICAL DAMAGE COVERAGE is amended by the addition of the following:

No deductible applies to glass damage if the glass is repaired rather than replaced.

16. **PARKED AUTO COLLISION COVERAGE (WAIVER OF DEDUCTIBLE)**

Paragraph **D. Deductible** of SECTION III - PHYSICAL DAMAGE COVERAGE is amended by the addition of the following:

The deductible does not apply to "loss" caused by collision to such covered "auto" of the private passenger type or light weight truck with a gross vehicle weight of 10,000 lbs. or less as defined by the manufacturer as maximum loaded weight the "auto" is designed to carry while it is:

- a. In the charge of an "insured";
- b. Legally parked; and
- c. Unoccupied.

The "loss" must be reported to the police authorities within 24 hours of known damage.

The total amount of the damage to the covered "auto" must exceed the deductible shown in the Declarations.

This provision does not apply to any "loss" if the covered "auto" is in the charge of any person or organization engaged in the automobile business.

SECTION IV - BUSINESS AUTO CONDITIONS is amended as follows:

17. **UNINTENTIONAL FAILURE TO DISCLOSE HAZARDS**

SECTION IV- BUSINESS AUTO CONDITIONS, Paragraph **B.2.** is amended by adding the following:

If you unintentionally fail to disclose any hazards, exposures or material facts existing as of the inception date or renewal date of the Business Auto Coverage Form, the coverage afforded by this policy will not be prejudiced.

However, you must report the undisclosed hazard of exposure as soon as practicable after its discovery, and we have the right to collect additional premium for any such hazard or exposure.

18. **AMENDED DUTIES IN THE EVENT OF ACCIDENT, CLAIM, SUIT, OR LOSS**

SECTION IV - BUSINESS AUTO CONDITIONS, paragraph **A.2.a.** is replaced in its entirety by the following:

- a. In the event of "accident", claim, "suit" or "loss", you must promptly notify us when it is known to:
 - 1. You, if you are an individual;
 - 2. A partner, if you are a partnership;
 - 3. Member, if you are a limited liability company;
 - 4. An executive officer or the "employee" designated by the Named Insured to give such notice, if you are a corporation.

To the extent possible, notice to us should include:

- (1) How, when and where the "accident" or "loss" took place;
- (2) The "insureds" name and address; and
- (3) The names and addresses of any injured persons and witnesses.

19. **WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US**

SECTION IV - BUSINESS AUTO CONDITIONS, paragraph **A.5.**, Transfer of Rights of Recovery Against Others to Us, is amended by the addition of the following:

If the person or organization has waived those rights before an "accident" or "loss", our rights are waived also.



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20. HIRED AUTO COVERAGE TERRITORY

SECTION IV - BUSINESS AUTO CONDITIONS, paragraph **B.7.**, Policy Period, Coverage Territory, is amended by the addition of the following:

- f. For "autos" hired 30 days or less, the coverage territory is anywhere in the world, provided that the insured's responsibility to pay for damages is determined in a "suit", on the merits, in the United States, the territories and possessions of the United States of America, Puerto Rico or Canada or in a settlement we agree to.

This extension of coverage does not apply to an "auto" hired, leased, rented or borrowed with a driver.

SECTION V - DEFINITIONS is amended as follows:

21. BODILY INJURY REDEFINED

Under SECTION V - DEFINITIONS, definition **C.** is replaced by the following:

"Bodily injury" means physical injury, sickness or disease sustained by a person, including mental anguish, mental injury, shock, fright or death resulting from any of these at any time.

COMMON POLICY CONDITIONS

22. EXTENDED CANCELLATION CONDITION

COMMON POLICY CONDITIONS, paragraph **A.** - CANCELLATION condition applies except as follows:

If we cancel for any reason other than nonpayment of premium, we will mail to the first Named Insured written notice of cancellation at least 60 days before the effective date of cancellation. This provision does not apply in those states which require more than 60 days prior notice of cancellation.

Carrier No: 20001

Endorsement No: WC000313

Policy No: 446803 (Includes USLH)

Agency:

PBS Engineering and Environmental Inc.
PBS Environmental Building Consultants
4412 SW Corbett Ave
Portland OR 97239

BROWN & BROWN NORTHWEST
PO BOX 29018
PORTLAND, OR 97296

Waiver of Our Right to Recover From Others Endorsement

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Description: ALL OPERATIONS
Contractor Name: PERSONS AND/OR ORGANIZATIONS WITH WHOM THE
INSURED-EMPLOYER IS REQUIRED BY WRITTEN
CONTRACT TO WAIVE SUBROGATION RIGHTS

This endorsement does not alter the rights of an injured worker to pursue recovery from another party or SAIF to receive a statutory share of recoveries by an injured worker, even from the party listed in the schedule.

The premium charge for this endorsement is based on one (1) percent of your manual premium.

Effective Date: 10/1/2016

This endorsement is part of your policy. This endorsement amends and controls anything to the contrary. It is otherwise subject to all other terms of your policy.

Countersigned 11-25-2013 at Salem, Oregon

430b


Brenda JP Roeklin, President
and Chief Executive Officer

MARSHA WALKER, RG, CWRE
SENIOR GEOLOGIST



Education:

Portland State University, B.S., 1994, Geology
Portland State University, B.S., 1994, Biology

Accreditation:

1995 AHERA Building Inspector (current)
2004 Oregon Heating Oil Tank Supervisor
2005 OSHA 40-Hour Hazardous Waste Handling and Emergency Response
2005 Oregon Registered Geologist No. 2099
2007 ASTM International Environmental Site Assessment for Commercial Real Estate

Marsha Walker's educational background brings a combination of biological and geological experience to PBS and gives her a base of knowledge well suited to environmental work. She also has an extensive background in report and research paper writing, as well as experience in a laboratory environment. Ms. Walker has managed and participated in environmental assessments designed to evaluate the potential for hazardous substance contamination at a variety of commercial and industrial properties. She is an experienced field geologist, having completed scoping and cost estimates for work, conducted field operations for soil and groundwater studies, and prepared risk-based assessments based on the results of those studies. She has performed technical reviews of third-party reports for clients and historical reviews pertaining to potential environmental concerns.

Project Highlights:

- **Confidential Client** – Phase I, Phase II Environmental Site Assessments. This property was historically part of a larger World War II shipyard site and included an electrical substation, and subsequently occupied by a variety of commercial/light-industrial tenants. Tasks included evaluating business practices and their potential effects on stormwater runoff into the Portland Harbor, as well as assessing risk to the site from adjacent and nearby light and heavy industrial properties.

Marsha assisted with completion of EPA Forms 104e related to Portland Harbor Superfund Site. This included obtaining detailed information regarding the use, storage, disposal and quantities of petroleum products and hazardous materials used by the current property owner and tenant on multiple properties owned or leased by the client within the study area. Completion of the forms also relied on obtaining, organizing and summarizing documents, permits, manifests and other environmental records.

- **TriMet** – Phase I and Phase II Environmental Site Assessment on properties located within and adjacent to the Portland Harbor Superfund Site. Many of these projects were related to ongoing or proposed new construction of light rail facilities. Tasks included reviews of Oregon DEQ sediment studies related to the Downtown Reach of the Willamette River and identifying possible on-site catch basins and outfalls that potentially contributed to sediment contamination. Assisted with completion of EPA Forms 104e.
- **Clatsop County** – Phase I and Phase II Environmental Site Assessments, including sediment sampling, on a public boat launch and yacht club site on the south shore of the Columbia River in Westport, Oregon. This study identified a long-forgotten use of the site as a lumber mill that had been destroyed by fire in the 1950. Based on historical maps of the site, Phase II subsurface and sediment studies were focused on areas most likely to have been impacted by historical boilers, fuel storage and fire damage.



CLAUDIA A. BYES-LUND
PROJECT SCIENTIST
ENVIRONMENTAL PROFESSIONAL (ASTM1527-13)



Education:

AHERA Asbestos Inspector (Current)
Microsoft Word Level II/III

Continuing Education:

Environmental Science: Bio Perspectives
Oregon DEQ Hazardous Waste Basics/Managing Common Wastes
EDR Environmental Due Diligence course

Claudia Byes-Lund is a key member of PBS' Portland GeoEnvironmental Group, specializing in Phase I Environmental Site Assessments and costing and scoping of Phase I ESAs. She has extensive historical knowledge of urban office and industrial core areas in the Northwest, and is a resource for locating sources of information at city and county agencies. She manages site assessment projects from vacant farmland to urban industrial properties, including Phase I ESAs, Updates and Transaction Screens. Claudia routinely performs additional site assessment services including visual asbestos surveys and limited hazardous materials sampling surveys, radon and mold. She is PBS' primary client contact and Project Manager for projects associated with TriMet, Providence Medical Foundation, OHSU Foundation, M&T Bank, OSU Foundation, and Tualatin Hills Park and Recreation District, overseeing all aspects associated with trustee's donated properties.

Claudia has applied her years of experience in Phase I ESAs and broadened her responsibilities becoming a Phase I trainer and supervisor for new employees.

Project Highlights:

- **M & T Real Estate, Portland Metro, OR**– Project Scientist and Project Manager, for Phase I Site Assessments and Updates in the Tri-County area, including Clark County Washington.
- **OHSU Foundation, Various Areas, OR**– Project Scientist and Project Manager, Phase I Site Assessments in Portland, Black Butte, Forest Grove, Beaverton and Hillsboro.
- **Downtown Developmental Group, LLC., Portland, OR** – Project Manager in charge of Phase I ESA portions of for multi-use commercial property projects located in downtown Portland, Oregon.
- **Albina Community Bank, Various NW Locations** – Project Scientist, Phase I Site Assessments in Portland and Gresham.
- **Columbia Community Bank, Washington County, OR**– Project Scientist, Phase I Site Assessments in Hillsboro, Forest Grove, and Portland.
- **Providence Medical Foundation, Portland Metro area, OR**– Project Manager and Project Scientist for client's trustee-donated properties. Responsible for handling all aspects associated with donation properties.
- **TriMet, Portland and Milwaukie areas, OR**– Project Manager for Phase I and II Environmental Site Assessments; Project Scientist for numerous Phase I ESAs affiliated with the Portland-Milwaukie Light Rail Transit Project.
- **Tualatin Hills Park & Recreation District, Washington County, OR**– Project Manager and Project Scientist for Phase I ESA. Served as client contact for various Washington County park projects.
- **Oregon State University Foundation, Various areas, OR**– Project Manager and Project Scientist, Phase I Environmental Site Assessment for properties that have been donated by this foundation's trustees.
- **Easton Ridge Apartments, Happy Valley, OR, Housing Authority of Clackamas County, OR** – Project Scientist for this Phase I ESA at property consisting of a 264-unit complex in Happy Valley.
- **Oregon Recycling Center, Portland, OR; Columbia Development Enterprises** – Project Manager , Phase I ESA on property containing both residential and commercial motor oil containers.

DANA DOMENIGHINI
STAFF SCIENTIST



Education:

B.S., Environmental Science, Oregon State University

Accreditation:

Association of Oregon Recyclers Recycling
OSHA 40-hour HAZWOPER
AHERA Inspector
ASTM E1527-13

Continuing Education:

Oregon DEQ Hazardous Waste Basics/Managing Common Wastes

Dana Domenighini is a staff scientist specializing in Phase I Environmental Site Assessments for both public and private clients. Dana routinely performs historical data gathering, extensive site assessments, soil sampling, as well as generating client reports for PBS' Portland Geo-Environmental Group. She has worked on Phase I ESA projects for multi-family residential sites, residential/mixed used sites, commercial facilities, educational sites, and undeveloped land parcels. Dana has also assisted with records research in preparation for Spill Prevention, Control, and Countermeasure (SPCC) Plans and Stormwater Pollution Prevention Plans (SWPPP) for a number of facilities in Oregon and Washington.

Dana has expanded her responsibilities to include field technician performing water sample testing for various clients including Multnomah County, Oregon and Clark County, Washington. She performs stormwater compliance sampling, and conducts soil investigations on suspected contaminated sites.

Project Highlights:

- **172nd Avenue Property Phase I Environmental Site Assessment, Happy Valley, OR** – Staff Scientist performing site investigation, soil sampling, and report writing for this 10-acre site owned by the North Clackamas School District.
- **Advance Road Middle School Phase I ESA, Wilsonville, OR** – Duties included historical research and report writing for this proposed 40-acre site for a new middle school for West Linn-Wilsonville School District.
- **Residential Property Limited Soil Sampling and Phase I ESA, Wilsonville, OR** – As Project Scientist performed the site assessment and assisted with soil sampling for this private residence for West Linn-Wilsonville School District.
- **Multiply Brewpubs - Limited Environmental Compliance Reviews, Bend and Portland, OR** – Staff Scientist for environmental due diligence projects at three brewpub/brewery facilities.
- **Various Solid Waste Facilities Environmental Support, Pacific NW Locations** – Research Assistant in charge of updating the Stormwater Pollution Prevention Plan for three solid waste facilities, composing stormwater annual reports for eleven facilities, and writing stormwater sampling reports for nine facilities.
- **Multnomah County Drinking Water Testing, Portland, OR** – Field technician and project scientist collecting drinking water samples and generating reports for 20 Multnomah County facilities in Portland, Oregon.
- **Camp Bonneville Environmental Services, Vancouver, WA** – Field technician collecting domestic drinking water samples at nine residences for Clark County.
- **Portland Harbor Superfund Site, Weyerhaeuser Company, Portland, OR** – Identified, researched, and categorized approximately 1,200 documents associated with Weyerhaeuser related to the Portland Harbor Superfund Site.

APPENDIX B

PROPERTY INFORMATION AND PHYSICAL SETTING RECORDS

Well Logs
Property Information
Tax Map

STATE OF OREGON
GEOTECHNICAL HOLE REPORT
 (as required by OAR 690-240-035)

(1) **OWNER/PROJECT:** Hole Number B-1
 Name Wilshire Real Estate Investments
 Address 1031 SW Columbia St
 City Portland State OR Zip 97201

(2) **TYPE OF WORK**
 New Deepening Alteration (repair/recondition) Abandonment

(3) **CONSTRUCTION:**
 Rotary Air Hand Auger Hollow Stem Auger
 Rotary Mud Cable Tool Push Probe Other

(4) **TYPE OF HOLE:**
 Uncased Temporary Cased Permanent
 Uncased Permanent Slope Stability Other

(5) **USE OF HOLE:**
Soil Samples

(6) **BORE HOLE CONSTRUCTION:**
 Special Construction approval Yes No Depth of Completed Hole 16 ft.

| HOLE | | | SEAL | | | |
|----------|------|----|----------|------|----|-----------------|
| Diameter | From | To | Material | From | To | Sacks or pounds |
| 2 | 0 | 16 | Bent | 0 | 16 | 24 lbs |
| | | | | | | |
| | | | | | | |

Backfill placed from _____ ft. to _____ ft. Material _____
 Filter Pack placed from _____ ft. to _____ ft. Size of pack _____

(7) **CASING/SCREEN:**

| | Diameter | From | To | Gauge | Steel | Plastic | Welded | Threaded |
|---------|----------|------|----|-------|--------------------------|--------------------------|--------------------------|--------------------------|
| Casing: | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Screen: | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Slot size _____

(8) **WELL TEST:**
 Pump Bailer Air Flowing Artesian
 Permeability _____ Yield _____ GPM _____
 Conductivity _____ PH _____
 Temperature of water 52 °F/C Depth artesian flow found _____ ft.
 Was water analysis done? Yes No
 By whom? _____
 Depth of strata analyzed. From _____ ft. to _____ ft.
 Remarks: _____

(9) **LOCATION OF HOLE by legal description:**
 County Clatsop Latitude _____ Longitude _____
 Township 12 N or S Range 1 E or W. WM.
 Section 12 SE 1/4 SE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 15600 SE McLaughlin Blvd
 Map with location identified must be attached

(10) **STATIC WATER LEVEL:**
12 ft. below land surface. Date 8-7-00
 Artesian pressure _____ lb. per square inch. Date _____

(11) **SUBSURFACE LOG:**

| Material Description | From | To | SWL |
|----------------------|------|----|-----|
| Silts | 0 | 8 | |
| Silty Sands | 8 | 16 | 12 |
| | | | |
| | | | |
| | | | |
| | | | |

Ground Elevation _____
 Date Started 8-7-00 Date Completed 8-7-00

(12) **ABANDONMENT LOG:**

| Material Description | From | To | Sacks or Pounds |
|--|------|----|-----------------|
| RECEIVED | | | |
| AUG 25 2000 | | | |
| WATER RESOURCES DEPT. SALEM, OREGON | | | |
| | | | |
| | | | |

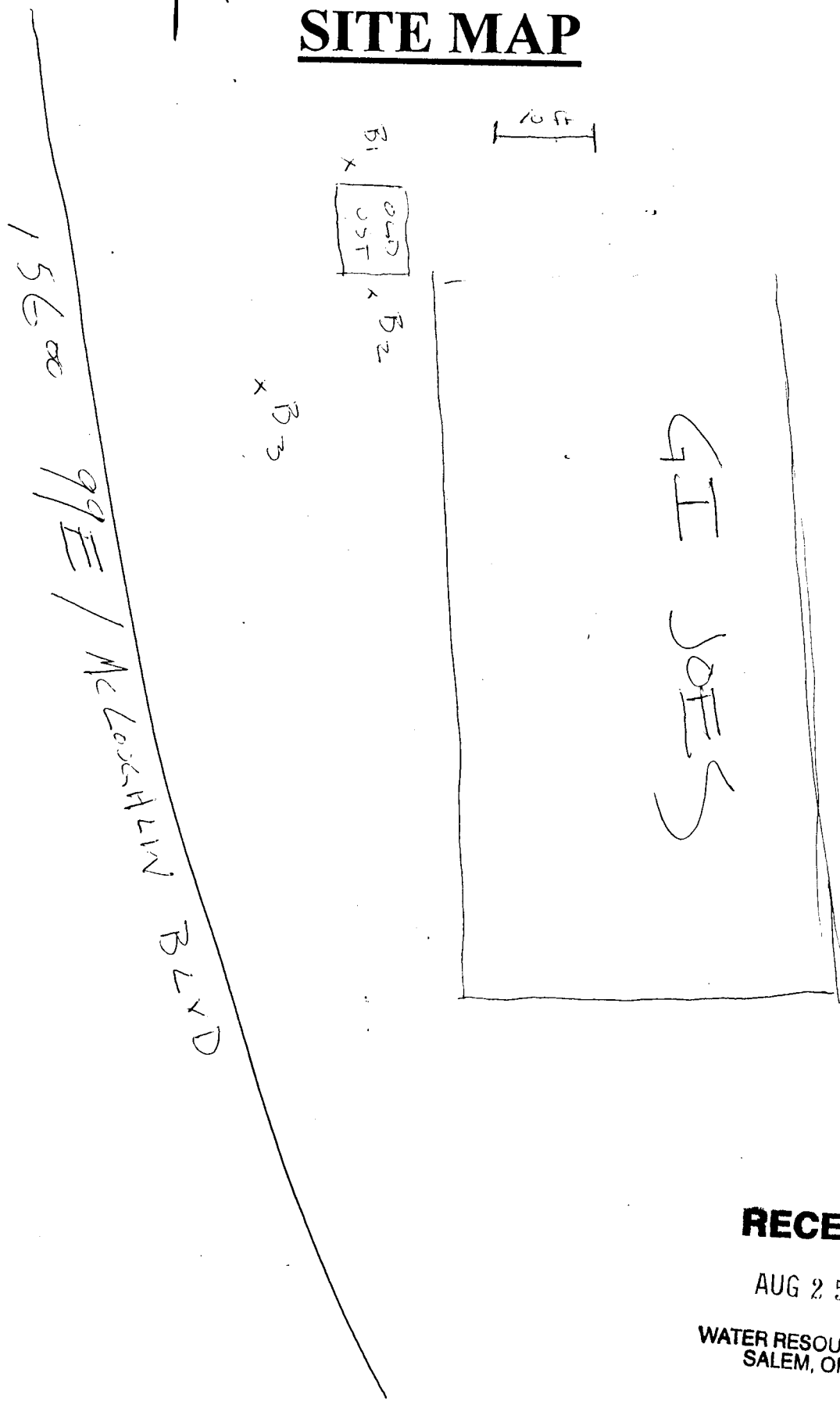
Date started _____ Date Completed _____

Professional Certification
 (to be signed by a licensed water supply or monitoring well constructor, or Oregon registered geologist or civil engineer).
 I accept responsibility for the construction, alteration, or abandonment work performed during the construction dates reported above. All work performed during this time is in compliance with Oregon's geotechnical hole construction standards. This report is true to the best of my knowledge and belief.
 License or Registration Number 10494
 Signed [Signature] Date 8-27-00
 Affiliation Geo-Tech Explorations

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK



SITE MAP



RECEIVED

AUG 25 2000

WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON
GEOTECHNICAL HOLE REPORT
(as required by OAR 690-240-0035)

08-17-2010

(1) OWNER/PROJECT Hole Number B5

PROJECT NAME/NBR: Miller

First Name Ted Last Name Miller

Company

Address 3208 SE Concord Road

City Milwaukie State OR Zip 97267

(2) TYPE OF WORK [X] New [] Deepening [X] Abandonment [] Alteration (repair/recondition)

(3) CONSTRUCTION [] Rotary Air [X] Hand Auger [] Hollow stem auger [] Rotary Mud [] Cable [] Push Probe [] Other

(4) TYPE OF HOLE: [X] Uncased Temporary [] Cased Permanent [] Uncased Permanent [] Slope Stability [] Other

(5) USE OF HOLE Environmental Investigation

(6) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy) Depth of Completed Hole 20.00 ft.

Table with columns: Dia, From, To, Material, SEAL, Amt, sacks/lbs. Row 1: 25, 0, 20, Bentonite Chips, 0, 20, 25, P

Backfill placed from 0 ft. to 20 ft. Material Bentonite chips Filter pack from ft. to ft. Material Size

(7) CASING/SCREEN Table with columns: Casing, Screen, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd

(8) WELL TESTS [] Pump [] Bailer [] Air [] Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration(hr)

Temperature °F Lab analysis [] Yes By

Supervising Geologist/Engineer

Table with columns: From, To, Description, Amount, Units. Row 1: Yes (describe below)

(9) LOCATION OF HOLE (legal description)

County Clackamas Twp 2.00 S N/S Range 1.00 E E/W WM

Sec 12 NW 1/4 of the SE 1/4 Tax Lot 003900

Tax Map Number 2S 1E 12DB Lot

Lat ' " or DMS or DD

Long ' " or DMS or DD

[X] Street address of hole [] Nearest address

3208 SE Concord Road, Milwaukie, OR 97267

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Table with columns: Existing Well / Predeepening, Completed Well, SWL(psi), SWL(ft)

WATER BEARING ZONES Flowing Artesian? [] Depth water was first found 13.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft)

(11) SUBSURFACE LOG Ground Elevation

Table with columns: Material, From, To. Row 1: Silt, 0, 20

Date Started 09-30-2009 Completed 09-30-2009

(12) ABANDONMENT LOG:

Table with columns: Material, From, To, Amt, sacks/lbs. Row 1: Bentonite Chips, 0, 20, 25, P

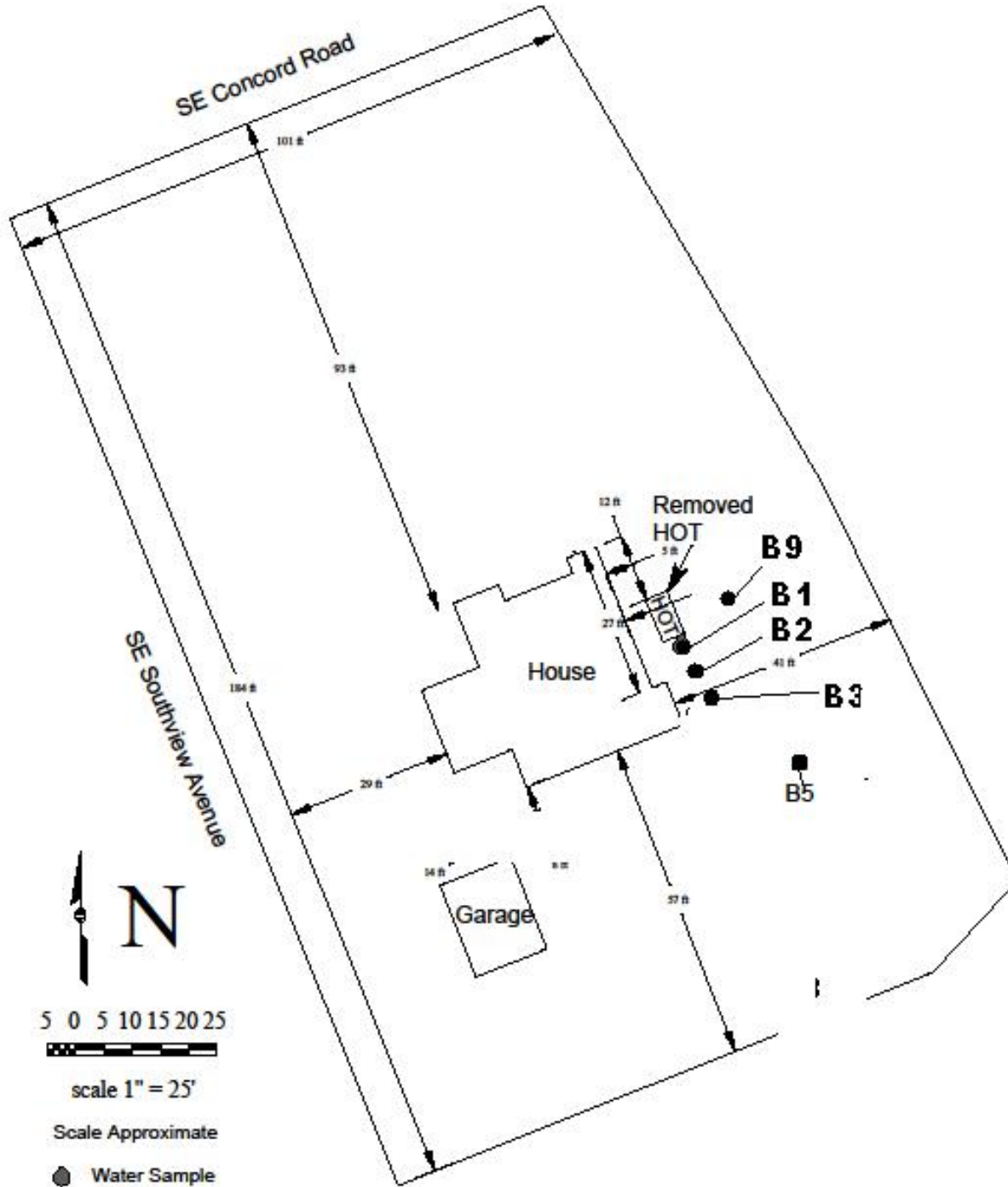
Date Started 09-30-2009 Completed 09-30-2009

Professional Certification (to be signed by an Oregon licensed water or monitoring well constructor, Oregon registered geologist or professional engineer).

I accept responsibility for the construction, deepening, alteration, or abandonment work performed during the construction dates reported above.

License/Registration Number G0324 Date Electronically Submitted First Name Kent Last Name Mathiot Affiliation EcoTech, LLC

Map of Hole



| | | | |
|---|-----------|--------|---|
|  | Site Plan | 09-686 | 3208 SE Concord Road Milwaukie, OR 97267 |
| | Miller, T | | |

STATE OF OREGON
GEOTECHNICAL HOLE REPORT
(as required by OAR 690-240-0035)

06-28-2011

(1) OWNER/PROJECT Hole Number B-1

PROJECT NAME/NBR: JAK 062211

First Name Last Name
Company WINKLER DEVELOPMENT CORP.
Address 210 SW MORRISON SUITE 600
City PORTLAND State OR Zip 97204

(2) TYPE OF WORK [X] New [] Deepening [X] Abandonment
[] Alteration (repair/recondition)

(3) CONSTRUCTION
[] Rotary Air [] Hand Auger [X] Hollow stem auger
[] Rotary Mud [] Cable [] Push Probe
[] Other

(4) TYPE OF HOLE:
[X] Uncased Temporary [] Cased Permanent
[] Uncased Permanent [] Slope Stability
[] Other
Other:

(5) USE OF HOLE
GEOTECHNICAL

(6) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy)
Depth of Completed Hole 20.00 ft.

Table with columns: BORE HOLE (Dia, From, To), SEAL (Material, From, To), sacks/lbs (Amt, lbs)

Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size

(7) CASING/SCREEN
Table with columns: Casing, Screen, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd

(8) WELL TESTS
[] Pump [] Bailer [] Air [] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration(hr)

Temperature °F Lab analysis [] Yes By

Supervising Geologist/Engineer

Table with columns: Water quality concerns? From, To, Description, Amount, Units

(9) LOCATION OF HOLE (legal description)

County Clackamas Twp 2.00 S N/S Range 1.00 E E/W WM
Sec 12 NW 1/4 of the SE 1/4 Tax Lot 200
Tax Map Number Lot
Lat ' " or DMS or DD
Long ' " or DMS or DD
[] Street address of hole [] Nearest address

15600 SE MCLOUGHLIN BLVD. MILWAUKIE, OREGON 97267

(10) STATIC WATER LEVEL

Table with columns: Date, SWL(psi), SWL(ft), Existing Well / Predeepening, Completed Well

WATER BEARING ZONES
Flowing Artesian? []
Depth water was first found 10.00
Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft)

(11) SUBSURFACE LOG

Table with columns: Material, From, To, Ground Elevation

Date Started 06-22-2011 Completed 06-22-2011

(12) ABANDONMENT LOG:

Table with columns: Material, From, To, Amt, sacks/lbs

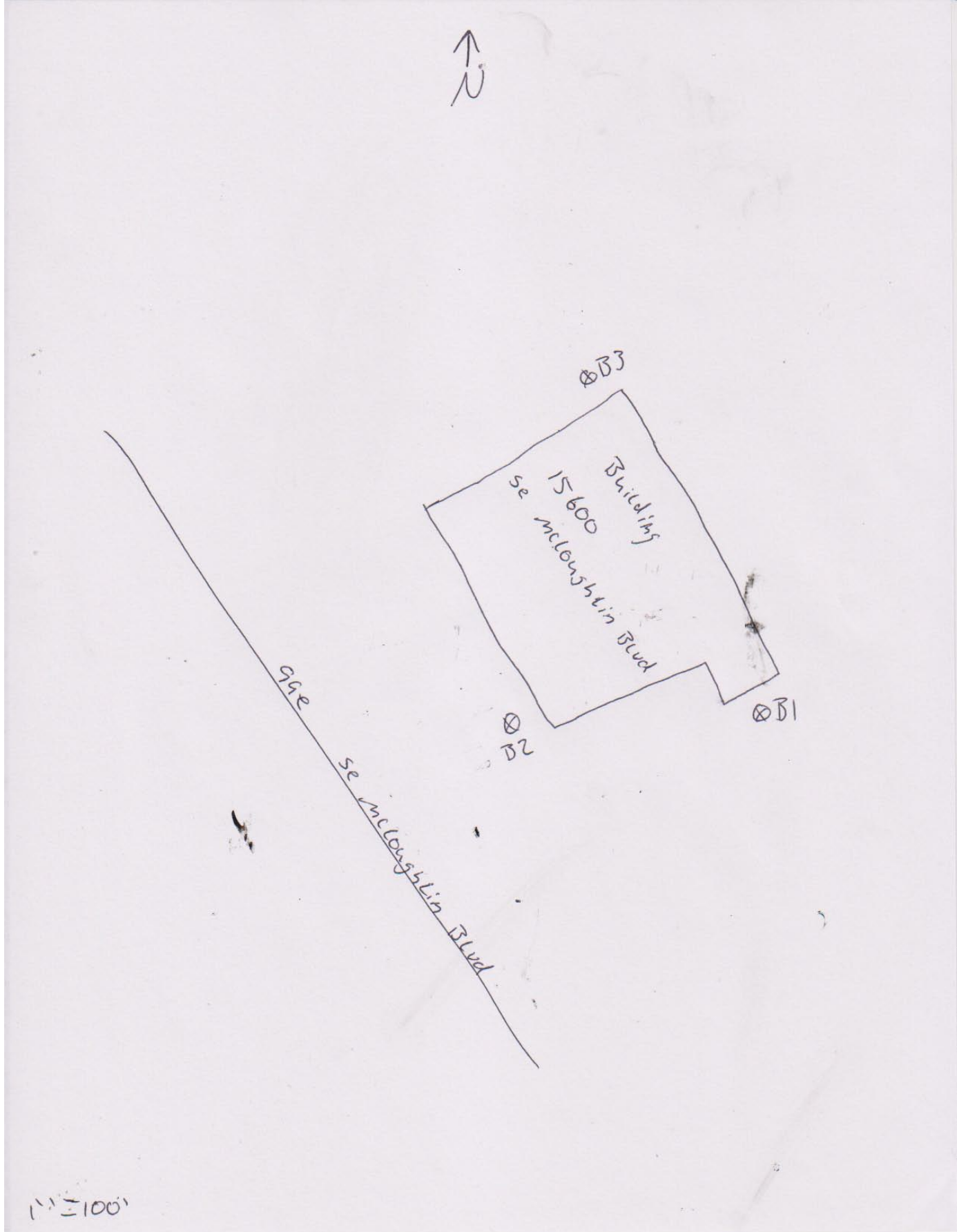
Date Started 06-22-2011 Completed 06-22-2011

Professional Certification (to be signed by an Oregon licensed water or monitoring well constructor, Oregon registered geologist or professional engineer).

I accept responsibility for the construction, deepening, alteration, or abandonment work performed during the construction dates reported above. All work performed during this time is in compliance with Oregon geotechnical hole construction standards. This report is true to the best of my knowledge and belief.

License/Registration Number 10594 Date
Electronically Submitted
First Name FRANKLIN Last Name LUNDIN
Affiliation SUBSURFACE TECHNOLOGIES

Map of Hole





Primary Address: 3811 SE Concord Rd, Milwaukie, 97267

Jurisdiction: Clackamas County

Map Number: 21E12AD

Taxlot Number: 21E12AD02900

Parcel Number: 00281466

Census Tract: 021400

Assessment

Estimated Acres: 5.97

Current Year Assessed Value: \$3,104,598.00

Market Building Value: \$2,491,590.00

Market Land Value: \$1,587,100.00

Market Total Value: \$4,078,690.00

Taxcode: 012057

Schools

Elementary School

Oak Grove Elementary (<http://www.nclack.k12.or.us/oakgrove>)
North Clackamas
2150 SE Torbank Rd, Oak Grove, 97222
503-353-5520

Middle School

Alder Creek Middle (<http://www.nclack.k12.or.us/aldercreek>)
North Clackamas
13801 SE Webster Rd, Milwaukie, 97267
503-353-5700

High School

Rex Putnam High (<http://www.nclack.k12.or.us/putnam>)
North Clackamas
4950 SE Roethe Rd, Milwaukie, 97267
503-353-5860

Public Safety

Nearest Fire Station

FD1 Clackamas Station #3
2930 Oak Grove Blvd

Nearest Police Station

Lake Oswego Police
380 A Ave, Lake Oswego, 97034

Zoning & Development

Designation: OSM
Designation: R7
Designation: R8.5
Urban Growth Boundary: METRO UGB

Voting

Voting Precinct: 500
State House District: 41
State Senate District: 21
Congressional District: 5

Utilities & Districts

Cable Provider

Comcast of Oregon II, Inc.

Community Planning Organization

Oak Grove Community Council (<http://www.oakgrovecpo.org/>)

Sanitary Hauler

Waste Management of Oregon (<http://www.clackamas.us/recycling/garbage.html>)
Urban Fee Zone

Park District

North Clackamas Park Dist #2

School District

North Clackamas (<http://www.nclack.k12.or.us>)

Sewer District

Oak Lodge Sanitary (<http://www.oaklodgesanitary.com/>)

Water District

Oak Lodge

Environmental & Hazards

Flood

Likely not in a flood zone.
Likely not in a flood zone.

Wildfire

You may be at low to moderate risk.

Earthquake Hazard

You may be at a lower risk.

Soils

- 1A - Aloha Silt Loam, 0 To 3 Percent Slopes
- 91B - Woodburn Silt Loam, 3 To 8 Percent Slopes
- 1B - Aloha Silt Loam, 3 To 6 Percent Slopes

Approximate Elevation

227.00 ft

Parks

Nearby

- Bunnell Park (<http://ncprd.com/parks/bunnell-park>)
2560 SE Pine Ln, Milwaukie
0.84 miles
- North Clackamas Park (<http://ncprd.com/parks/north-clackamas-park>)
5440 SE Kellogg Creek Dr, Milwaukie
1.28 miles
- Risley Park (<http://ncprd.com/parks/risley-park>)
2350 SE Swain Ave, Clackamas County
0.72 miles
- Robinwood Park (<https://westlinnoregon.gov/parksrec/robinwood-park>)
3600 Fairview Way, West Linn
1.48 miles
- Rocky Island Park
1.13 miles

Documents

District Maps

- Voting Precinct (<http://clackamas.us/elections/documents/districts/pct500.pdf>)
- State House District (<http://clackamas.us/elections/documents/districts/rep41.pdf>)

Surveyor Documents

Survey - SN1-336 (<http://cmap.clackamas.us/survey/PSImages/2S1E/12/SN1-336-P1.TIF>)

Survey - SN1-336 (<http://cmap.clackamas.us/survey/PSImages/2S1E/12/SN1-336-P2.TIF>)

Survey - SN1-707 (<http://cmap.clackamas.us/survey/PSImages/2S1E/12/SN1-707.TIF>)

Survey - SN1-684 (<http://cmap.clackamas.us/survey/PSImages/2S2E/07/SN1-684.JPG>)

Plat - 0298 (<http://cmap.clackamas.us/survey/SDImages/2S1E/12/0298.tif>)

Assessor Documents

Taxmap - 2S1E12AD (http://cmap.clackamas.us/taxmap/03_2s1e12ad.pdf)

Disclaimer & Liability

The information and maps accessed through this web site provide a visual display for your convenience using data from Clackamas County's Geographic Information System. Every reasonable effort has been made to assure the accuracy of the maps and associated data from several sources. Clackamas County makes no warranty, representation or guarantee as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. Clackamas County explicitly disclaims any representations and warranties, including, without limitation, the implied warranties of merchantability and fitness for a particular purpose. Clackamas County shall assume no liability for any errors, omissions, or inaccuracies in the information provided regardless of how caused. Clackamas County assumes no liability for any decisions made or actions taken or not taken by the user of this information or data furnished hereunder. Users are strongly advised to verify from authoritative sources any information displayed in this application before making decisions.

Liability Statement (<http://www.clackamas.us/liability.html>)

S.E. 1/4 N.E. 1/4 SEC. 12 T.2S. R.1E. W.M.
CLACKAMAS COUNTY

1/16 COR.

1/16 Cor. 15000

2 1E 12AD

This map was prepared for
assessment purpose only.

1"=100'

SEE MAP 2 1E 12AA

D. L. C.
ORIN KELLOGG NO.53,55
JASON KELLOGG CLAIM

CANCELLED
6101 2902
2203 702
2204
3800
1901
5700
5102
2901
5103

R-10

R-10

12-57
O.S.M.

R-8.5

R-7

ACRES

15300

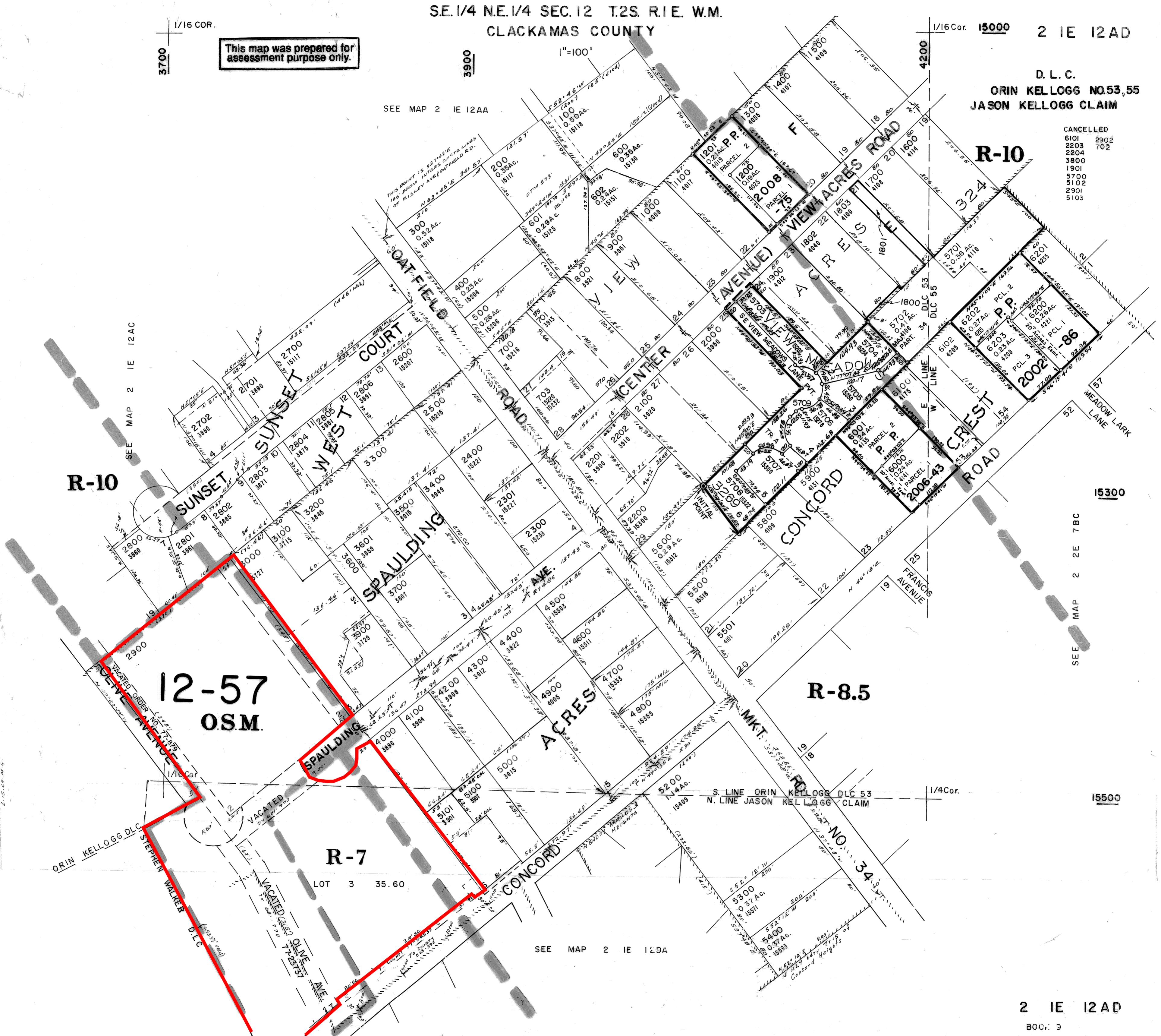
SEE MAP 2 2E 7BC

15500

SEE MAP 2 1E 12DA

2 1E 12AD

BOG: 3



APPENDIX C

REGULATORY DATABASES AND GOVERNMENT RECORDS Regulatory Database Report

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: *SE Concord Rd Phase I ESA
3811 Se Concord Road
Milwaukie OR
22627.001*

Project No: *22627.001*

Report Type: *Database Report*

Order No: *20170116098*

Requested by: *PBS*

Date Completed: *January 17, 2017*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: *SE Concord Rd Phase I ESA
3811 Se Concord Road Milwaukie OR*

Project No: *22627.001*

Coordinates:

Latitude: *45.41079*
Longitude: *-122.62446*
UTM Northing: *5,028,654.19*
UTM Easting: *529,386.03*
UTM Zone: *UTM Zone 10T*

Elevation: *227 FT*

Order Information:

Order No: *20170116098*
Date Requested: *January 16, 2017*
Requested by: *PBS*
Report Type: *Database Report*

Historicals/Products:

City Directory Search *2 Street Search*

Executive Summary: Report Summary

| Database | Searched | Search Radius | Project Property | Within 0.12mi | .125mi to 0.25mi | 0.25mi to 0.50mi | 0.50mi to 1.00mi | Total |
|---------------------------------------|----------|---------------|------------------|---------------|------------------|------------------|------------------|-------|
| Standard Environmental Records | | | | | | | | |
| Federal | | | | | | | | |
| NPL | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| PROPOSED NPL | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| DELETED NPL | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| SEMS | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| SEMS ARCHIVE | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| CERCLIS | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| CERCLIS NFRAP | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| CERCLIS LIENS | Y | PO | 0 | - | - | - | - | 0 |
| RCRA CORRACTS | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCRA TSD | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| RCRA LQG | Y | .25 | 0 | 0 | 0 | - | - | 0 |
| RCRA SQG | Y | .25 | 0 | 0 | 0 | - | - | 0 |
| RCRA CESQG | Y | .25 | 0 | 1 | 2 | - | - | 3 |
| RCRA NON GEN | Y | .25 | 0 | 1 | 1 | - | - | 2 |
| FED ENG | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| FED INST | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| ERNS 1982 TO 1986 | Y | PO | 0 | - | - | - | - | 0 |
| ERNS 1987 TO 1989 | Y | PO | 0 | - | - | - | - | 0 |
| ERNS | Y | PO | 0 | - | - | - | - | 0 |
| FED BROWNFIELDS | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| FEMA UST | Y | .25 | 0 | 0 | 0 | - | - | 0 |
| State | | | | | | | | |
| CRL | Y | 1 | 0 | 0 | 0 | 1 | 1 | 2 |
| ECSI | Y | 1 | 0 | 0 | 2 | 1 | 6 | 9 |
| DSHW | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| SWF/LF | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| HIST SWF | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| LUST | Y | .5 | 0 | 3 | 21 | 87 | - | 111 |

| Database | Searched | Search Radius | Project Property | Within 0.12mi | .125mi to 0.25mi | 0.25mi to 0.50mi | 0.50mi to 1.00mi | Total |
|-------------|----------|---------------|------------------|---------------|------------------|------------------|------------------|-------|
| DLST | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| UST | Y | .25 | 0 | 1 | 4 | - | - | 5 |
| AST | Y | .25 | 1 | 0 | 1 | - | - | 2 |
| DTNK | Y | .5 | 0 | 0 | 1 | 0 | - | 1 |
| ENG | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| INST | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| VCP | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| BROWNFIELDS | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |

Tribal

| | | | | | | | | |
|---------------|---|-----|---|---|---|---|---|---|
| INDIAN LUST | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| INDIAN UST | Y | .25 | 0 | 0 | 0 | - | - | 0 |
| DELISTED ILST | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| DELISTED IUST | Y | .25 | 0 | 0 | 0 | - | - | 0 |

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

| | | | | | | | | |
|------------------|---|------|---|---|---|---|---|---|
| FINDS/FRS | Y | PO | 0 | - | - | - | - | 0 |
| TRIS | Y | PO | 0 | - | - | - | - | 0 |
| HMIRS | Y | .125 | 0 | 0 | - | - | - | 0 |
| NCDL | Y | PO | 0 | - | - | - | - | 0 |
| ODI | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| IODI | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| TSCA | Y | .125 | 0 | 0 | - | - | - | 0 |
| HIST TSCA | Y | .125 | 0 | 0 | - | - | - | 0 |
| FTTS ADMIN | Y | PO | 0 | - | - | - | - | 0 |
| FTTS INSP | Y | PO | 0 | - | - | - | - | 0 |
| PRP | Y | PO | 0 | - | - | - | - | 0 |
| SCRD DRYCLEANER | Y | .5 | 0 | 0 | 0 | 0 | - | 0 |
| ICIS | Y | PO | 0 | - | - | - | - | 0 |
| FED DRYCLEANERS | Y | .25 | 0 | 0 | 0 | - | - | 0 |
| DELISTED FED DRY | Y | .25 | 0 | 0 | 0 | - | - | 0 |
| FUDS | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MLTS | Y | PO | 0 | - | - | - | - | 0 |
| HIST MLTS | Y | PO | 0 | - | - | - | - | 0 |
| MINES | Y | .25 | 0 | 0 | 0 | - | - | 0 |
| ALT FUELS | Y | .25 | 0 | 0 | 0 | - | - | 0 |

State

| | | | | | | | | |
|-------------|---|------|---|---|---|---|---|---|
| HIST HAZMAT | Y | .125 | 0 | 0 | - | - | - | 0 |
|-------------|---|------|---|---|---|---|---|---|

| Database | Searched | Search Radius | Project Property | Within 0.12mi | .125mi to 0.25mi | 0.25mi to 0.50mi | 0.50mi to 1.00mi | Total |
|-------------|----------|---------------|------------------|---------------|------------------|------------------|------------------|-------|
| HAZMAT | Y | .125 | 0 | 2 | - | - | - | 2 |
| SPILLS | Y | .125 | 0 | 0 | - | - | - | 0 |
| CDL | Y | PO | 0 | - | - | - | - | 0 |
| DRYCLEANERS | Y | .25 | 0 | 0 | 1 | - | - | 1 |

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

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

| | | | | | | |
|---------------|---|---|----|----|---|-----|
| Total: | 1 | 8 | 33 | 89 | 7 | 138 |
|---------------|---|---|----|----|---|-----|

* PO – Property Only

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

Executive Summary: Site Report Summary - Project Property

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev Diff (ft)</i> | <i>Page Number</i> |
|-------------------|-----------|--------------------------------|--|------------------|-------------------------|-----------------------|--------------------|
| 1 | AST | NORTH CLACKAMAS SCHOOL DIST 12 | 3811 SE CONCORD RD MILWAUKIE OR 97267 <i>Facility ID: 059845</i> | - | 0.00 / 0.00 | 0 | 37 |

Executive Summary: Site Report Summary - Surrounding Properties

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|---|---|-----------|------------------|----------------|--------------------|
| 2 | RCRA NON GEN | JOHN KINSMAN COMPANY | 3727 SE SPAULDING MILWAUKIE OR 97267 | NE | 0.07 / 361.10 | 18 | 39 |
| 3 | LUST | HEATING OIL TANK | 3908 SE Spaulding Ave MILWAUKIE OR 97267 | NE | 0.07 / 381.08 | 21 | 41 |
| | | | <i>Log NO Work Compl Dt: 03-09-0386 07/29/2009</i> | | | | |
| 4 | LUST | HEATING OIL TANK | 3901 SE CONCORD ROAD MILWAUKIE OR 97267 | ESE | 0.08 / 402.75 | 14 | 41 |
| | | | <i>Log NO Work Compl Dt: 03-98-0366 </i> | | | | |
| 5 | LUST | HEATING OIL TANK | 3718 SE CONCORD RD. MILWAUKIE OR 97267 | S | 0.08 / 417.05 | -16 | 41 |
| | | | <i>Log NO Work Compl Dt: 03-99-0413 09/28/1999</i> | | | | |
| 6 | HAZMAT | | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SSW | 0.12 / 619.39 | -40 | 41 |
| 6 | HAZMAT | | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SSW | 0.12 / 619.39 | -40 | 44 |
| 6 | RCRA CESQG | WALMART NEIGHBORHOOD MARKET NO 3144 | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267-3857 | SSW | 0.12 / 619.39 | -40 | 45 |
| 6 | UST | GI JOE'S | 15600 SE MCLOUGHLIN BLVD PORTLAND OR 97222 <i>ID Facility Status: 6809 </i> | SSW | 0.12 / 619.39 | -40 | 48 |
| 7 | LUST | HEATING OIL TANK | 15318 SE Olive Ave MILWAUKIE OR 97267 | NW | 0.13 / 674.34 | -2 | 48 |
| | | | <i>Log NO Work Compl Dt: 03-13-0773 03/24/2014</i> | | | | |
| 8 | DRYCLEANERS | Alpine Cleaners | 3640 SE Concord Rd Milwaukie OR 97267 | SSW | 0.14 / 742.25 | -46 | 49 |
| 9 | LUST | HEATING OIL TANK | 15233 SE OATFIELD RD MILWAUKIE OR 97267 | NE | 0.14 / 745.42 | 59 | 49 |
| | | | <i>Log NO Work Compl Dt: 03-99-0144 05/19/1999</i> | | | | |
| 10 | LUST | HEATING OIL TANK | 15333 SE OATFIELD RD MILWAUKIE OR 97267 | ENE | 0.14 / 761.30 | 59 | 49 |
| | | | <i>Log NO Work Compl Dt: 03-05-0699 07/20/2005</i> | | | | |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|---------------|---------------------------------------|---|------------------|-------------------------|-----------------------|--------------------|
| 11 | LUST | HEATING OIL TANK | 15308 SE Olive Ave MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-15-1369 12/21/2015</i> | NW | 0.15 / 798.01 | -2 | 49 |
| 12 | DTNK | OAK GROVE CHEVRON | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SW | 0.15 / 804.58 | -47 | 50 |
| 12 | LUST | "CHEVRON U.S.A., INC. - 94637" | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-93-0111 08/01/1994</i> | SW | 0.15 / 804.58 | -47 | 50 |
| 12 | LUST | CHEVRON USA INC - 94637 | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-98-0959 11/26/2004</i> | SW | 0.15 / 804.58 | -47 | 50 |
| 12 | RCRA CESQG | CHEVRON SS 94637 | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SW | 0.15 / 804.58 | -47 | 51 |
| 12 | UST | CHEVRON USA INC - 94637 | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 <i>ID Facility Status: 1107 </i> | SW | 0.15 / 804.58 | -47 | 59 |
| 13 | LUST | HEATING OIL TANK | 15418 SE OATFIELD ROAD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-03-0887 08/08/2003</i> | E | 0.16 / 848.81 | 59 | 59 |
| 14 | LUST | HEATING OIL TANK | 15404 SE Oatfield Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-15-1018 02/01/2016</i> | E | 0.16 / 854.66 | 59 | 59 |
| 15 | ECSI | A-1 Boat Detailing | 15555 SE McLoughlin Blvd. Milwaukie OR 97267 | W | 0.16 / 862.50 | -36 | 59 |
| 16 | LUST | HEATING OIL TANK | 3520 SE RISLEY AVE PORTLAND OR 97267 <i>Log NO Work Compl Dt: 03-02-0288 04/02/2009</i> | NNW | 0.17 / 884.51 | 6 | 61 |
| 17 | LUST | HEATING OIL TANK | 15206 SE Oatfield Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-09-0680 05/04/2010</i> | NNE | 0.17 / 890.31 | 53 | 61 |
| 18 | LUST | GOODYEAR AUTO SERVICE CENTER #8434 | 15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 <i>Log NO Work Compl Dt: 03-96-0397 06/06/2000</i> | SSW | 0.17 / 914.60 | -50 | 61 |
| 18 | RCRA CESQG | GOODYEAR AUTO SERVICE CENTER | 15815 SE MCLOUGHLIN MILWAUKIE OR 97222 | SSW | 0.17 / 914.60 | -50 | 61 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|------------------------------------|--|------------------|-------------------------|-----------------------|--------------------|
| 18 | UST | GOODYEAR AUTO SERVICE CENTER #8434 | 15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 <i>ID Facility Status: 8754 </i> | SSW | 0.17 / 914.60 | -50 | 66 |
| 19 | RCRA NON GEN | PEP BOYS NO 579 | 15550 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | W | 0.18 / 927.12 | -30 | 66 |
| 20 | LUST | HEATING OIL TANK | 3604 SE RISLEY AVE MILWAUKIE OR 97216 <i>Log NO Work Compl Dt: 26-04-2395 03/15/2005</i> | NNW | 0.18 / 928.64 | 13 | 68 |
| 21 | LUST | HEATING OIL TANK | 3615 SE RISLEY AVE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-05-0379 06/08/2005</i> | NNW | 0.19 / 986.43 | 21 | 68 |
| 22 | LUST | HEATING OIL TANK | 4109 SE CONCORD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-04-1444 03/15/2005</i> | ENE | 0.20 / 1,052.22 | 74 | 68 |
| 23 | ECSI | Milwaukie Trolley Trail Project | Various streets in Milwaukie Milwaukie OR | SE | 0.20 / 1,062.38 | -12 | 68 |
| 24 | LUST | HEATING OIL TANK | 15106 SE OATFIELD RD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-01-8286 12/26/2002</i> | N | 0.20 / 1,081.46 | 50 | 70 |
| 25 | LUST | HEATING OIL TANK | 15119 SE KRONBERG AVE PORTLAND OR 97267 <i>Log NO Work Compl Dt: 26-01-6745 01/31/2002</i> | NNW | 0.21 / 1,089.86 | 10 | 70 |
| 26 | AST | DICKS COLOR CENTER | 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 <i>Facility ID: 009086</i> | WNW | 0.22 / 1,166.43 | -26 | 70 |
| 26 | LUST | FIRESTONE STORE 3558/021954 | 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 <i>Log NO Work Compl Dt: 03-90-0254 09/24/1990</i> | WNW | 0.22 / 1,166.43 | -26 | 73 |
| 26 | UST | FIRESTONE #3556 - 021954 | 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 <i>ID Facility Status: 7839 </i> | WNW | 0.22 / 1,166.43 | -26 | 73 |
| 27 | LUST | PRACTICAL RENT-A-CAR | 16001 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 <i>Log NO Work Compl Dt: 03-90-0149 11/23/1990</i> | S | 0.23 / 1,231.32 | -61 | 73 |
| 27 | UST | PRACTICAL USED CAR RENTAL | 16001 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 <i>ID Facility Status: 10342 </i> | S | 0.23 / 1,231.32 | -61 | 73 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------|--------------------------|---|------------------|-------------------------|-----------------------|--------------------|
| 28 | LUST | HEATING OIL TANK | 15720 SE ORVILLE AVE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-02-5445 </i> | WSW | 0.23 / 1,237.38 | -51 | 74 |
| 29 | LUST | HEATING OIL TANK | 15130 SE Diamond Ln MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-15-0350 </i> | NNE | 0.24 / 1,242.26 | 68 | 74 |
| 30 | LUST | HEATING OIL TANK | 4141 SE Concord Rd PORTLAND OR 97267 <i>Log NO Work Compl Dt: 26-07-0406 08/14/2007</i> | ENE | 0.24 / 1,266.73 | 84 | 74 |
| 31 | LUST | HEATING OIL TANK | 15433 SE FRANCIS AVE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-04-1176 10/14/2004</i> | E | 0.25 / 1,335.39 | 77 | 74 |
| 32 | LUST | HEATING OIL TANK | 4025 SE VIEW ACRES RD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-06-0580 09/05/2006</i> | NE | 0.26 / 1,379.74 | 87 | 74 |
| 33 | LUST | HEATING OIL TANK | 15650 SE Oatfield Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-12-0314 01/23/2013</i> | ESE | 0.27 / 1,408.28 | 60 | 74 |
| 34 | LUST | HEATING OIL TANK | 4205 SE Concord Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-08-0535 06/24/2008</i> | ENE | 0.27 / 1,433.38 | 93 | 75 |
| 35 | LUST | HEATING OIL TANK | 15014 SE KRONBERG MILWAUKIE OR 97222 <i>Log NO Work Compl Dt: 03-01-5550 10/31/2001</i> | NNW | 0.27 / 1,446.06 | 11 | 75 |
| 36 | LUST | HEATING OIL TANK | 15923 SE HAROLD AVE PORTLAND OR 97267 <i>Log NO Work Compl Dt: 03-07-0710 10/29/2007</i> | SE | 0.28 / 1,465.89 | -15 | 75 |
| 37 | LUST | HEATING OIL TANK | 3306 SE CONCORD ROAD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-03-1440 09/22/2003</i> | SW | 0.28 / 1,487.17 | -68 | 75 |
| 38 | LUST | HEATING OIL TANK | 3908 SE Risley Ave MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-13-1083 01/29/2014</i> | NNE | 0.29 / 1,526.52 | 71 | 75 |
| 39 | LUST | HEATING OIL TANK | 15506 SE FRANCIS AVENUE MILWAUKIE OR 97256 <i>Log NO Work Compl Dt: 03-03-2286 </i> | E | 0.29 / 1,535.05 | 77 | 75 |
| 40 | LUST | HEATING OIL TANK | 3314 SE CONCORD ST MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-05-2350 05/16/2006</i> | SW | 0.30 / 1,583.08 | -72 | 75 |
| 41 | LUST | HEATING OIL TANK | 15523 SE FRANCIS AVE MILWAUKIE OR 97267 | E | 0.30 / 1,597.91 | 79 | 76 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|------|-------------------|--|-----------|------------------|----------------|---------------------|
| | | | | | | | |
| | | | <i>Log NO Work Compl Dt:</i> 03-06-1847 12/11/2006 | | | | |
| 42 | LUST | HEATING OIL TANK | 15520 SE FRANCIS MILWAUKIE OR 97267 | E | 0.31 / 1,612.85 | 80 | 76 |
| | | | <i>Log NO Work Compl Dt:</i> 03-05-0357 09/29/2005 | | | | |
| 43 | LUST | HEATING OIL TANK | 16011 SE HAROLD MILWAUKIE OR 97267 | SE | 0.31 / 1,614.61 | -19 | 76 |
| | | | <i>Log NO Work Compl Dt:</i> 03-97-0509 02/19/1998 | | | | |
| 44 | LUST | HEATING OIL TANK | 4221 SE CONCORD RD MILWAUKIE OR 97267 | ENE | 0.31 / 1,615.75 | 106 | 76 |
| | | | <i>Log NO Work Compl Dt:</i> 03-05-0748 07/11/2005 | | | | |
| 45 | LUST | HEATING OIL TANK | 14821 SE OATFIELD RD MILWAUKIE OR 97267 | N | 0.31 / 1,617.89 | 30 | 76 |
| | | | <i>Log NO Work Compl Dt:</i> 03-01-6152 08/07/2001 | | | | |
| 46 | LUST | HEATING OIL TANK | 15714 SE OATFIELD RD MILWAUKIE OR 97267 | ESE | 0.31 / 1,618.11 | 62 | 76 |
| | | | <i>Log NO Work Compl Dt:</i> 03-00-6363 01/23/2001 | | | | |
| 47 | CRL | Valet Cleaners | 15020 SE McLoughlin Blvd. Oak Grove OR 97267 | WNW | 0.31 / 1,643.94 | -18 | 76 |
| | | | <i>Site ID Status:</i> 1156 SITE INVESTIGATION | | | | |
| 47 | ECSI | Valet Cleaners | 15020 SE McLoughlin Blvd. Oak Grove OR 97267 | WNW | 0.31 / 1,643.94 | -18 | 94 |
| 48 | LUST | HEATING OIL TANK | 15525 SE Francis Ave MILWAUKIE OR 97267 | E | 0.32 / 1,675.16 | 82 | 112 |
| | | | <i>Log NO Work Compl Dt:</i> 03-16-1287 | | | | |
| 49 | LUST | HEATING OIL TANK | 15226 SE Meadowlark Ln MILWAUKIE OR 97267 | ENE | 0.32 / 1,688.00 | 101 | 112 |
| | | | <i>Log NO Work Compl Dt:</i> 03-11-0386 08/08/2011 | | | | |
| 50 | LUST | HEATING OIL TANK | 14912 SE Kronberg Ave MILWAUKIE OR 97267 | NW | 0.32 / 1,697.80 | 1 | 112 |
| | | | <i>Log NO Work Compl Dt:</i> 03-04-2289 01/29/2014 | | | | |
| 51 | LUST | HEATING OIL TANK | 15301 SE Meadowlark Ln PORTLAND OR 97267 | ENE | 0.33 / 1,720.35 | 99 | 112 |
| | | | <i>Log NO Work Compl Dt:</i> 03-11-0562 09/02/2011 | | | | |
| 52 | LUST | HEATING OIL TANK | 3208 SE Concord Rd MILWAUKIE OR 97267 | SW | 0.33 / 1,730.41 | -79 | 112 |
| | | | <i>Log NO Work Compl Dt:</i> 03-09-0585 01/19/2010 | | | | |
| 53 | LUST | HEATING OIL TANK | 3945 SE Oatfield Ct PORTLAND OR 97267 | N | 0.33 / 1,733.26 | 60 | 112 |
| | | | <i>Log NO Work Compl Dt:</i> 03-06-1904 01/16/2007 | | | | |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------|--------------------------|---|------------------|-------------------------|-----------------------|---------------------|
| 54 | LUST | HEATING OIL TANK | 4457 SE ROBIN RD OAK GROVE OR 97222 <i>Log NO Work Compl Dt: 03-94-5274 </i> | E | 0.33 / 1,738.16 | 87 | 112 |
| 55 | LUST | HEATING OIL TANK | 15600 SE Francis Ave MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 26-14-1174 02/04/2015</i> | E | 0.33 / 1,765.76 | 85 | 113 |
| 56 | LUST | HEATING OIL TANK | 15311 SE Meadowlark LN MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-11-0632 07/31/2013</i> | ENE | 0.34 / 1,773.62 | 93 | 113 |
| 57 | LUST | HEATING OIL TANK | 3203 SE Concord Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-07-0506 05/21/2014</i> | SW | 0.34 / 1,779.64 | -83 | 113 |
| 58 | LUST | RALLY AUTO MART SITE | 15025 SE MCLOUGHLIN BLVD OAK GROVE OR 97267 <i>Log NO Work Compl Dt: 03-90-0341 01/03/1991</i> | NW | 0.34 / 1,802.48 | -17 | 113 |
| 59 | LUST | HEATING OIL TANK | 4108 SE RISLEY AVE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-00-6094 08/21/2001</i> | NNE | 0.34 / 1,805.33 | 95 | 113 |
| 60 | LUST | HEATING OIL TANK | 15113 SE CONCORD COURT MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-96-0236 06/26/1996</i> | NE | 0.35 / 1,849.42 | 133 | 113 |
| 61 | LUST | HEATING OIL TANK | 15110 SE CONCORD CT MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-02-5822 10/21/2002</i> | NE | 0.35 / 1,854.75 | 141 | 113 |
| 62 | LUST | HEATING OIL TANK | 15405 SE MEADOWLARK LN MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-99-0266 02/03/2000</i> | E | 0.35 / 1,860.91 | 91 | 114 |
| 63 | LUST | HEATING OIL TANK | 15122 SE LABONITA WAY MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-96-0750 01/13/2006</i> | ENE | 0.36 / 1,880.19 | 129 | 114 |
| 64 | LUST | HEATING OIL TANK | 3775 SE McCartney Ln MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-06-1929 02/07/2007</i> | NNW | 0.36 / 1,892.40 | 21 | 114 |
| 65 | LUST | HEATING OIL TANK | 4112 SE RISLEY MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-99-0396 </i> | NNE | 0.36 / 1,911.77 | 102 | 114 |
| 66 | LUST | HEATING OIL TANK | 15620 SE Francis Ave MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-16-1026 </i> | E | 0.36 / 1,924.16 | 86 | 114 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------|--------------------------|---|------------------|-------------------------|-----------------------|---------------------|
| 67 | LUST | HEATING OIL TANK | 15412 SE MEADOWLARK LANE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-00-5000 03/09/2001 | E | 0.37 / 1,936.03 | 93 | 114 |
| 68 | LUST | HEATING OIL TANK | 16110 SE HAROLD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-97-0276 | SE | 0.37 / 1,940.88 | -35 | 114 |
| 69 | LUST | HEATING OIL TANK | 14817 SE RAINTREE CT MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-04-0013 | NNE | 0.37 / 1,943.80 | 69 | 115 |
| 70 | LUST | HEATING OIL TANK | 15418 SE MEADOW LARK LANE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 26-04-0313 04/04/2006 | E | 0.38 / 2,000.55 | 96 | 115 |
| 71 | LUST | HEATING OIL TANK | 16106 SE Southview Ave MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-13-0474 | SW | 0.38 / 2,007.34 | -102 | 115 |
| 72 | LUST | HEATING OIL TANK | 14729 SE Oatfield Rd MILWAUKIE OR 97222 <i>Log NO Work Compl Dt:</i> 03-07-1881 02/20/2008 | NNW | 0.38 / 2,009.21 | 25 | 115 |
| 73 | LUST | HEATING OIL TANK | 3310 SE Westview Ave MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-01-6360 05/06/2014 | SSW | 0.38 / 2,023.53 | -103 | 115 |
| 74 | LUST | HEATING OIL TANK | 3100 SE BIRCH MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-01-6011 | NW | 0.38 / 2,026.47 | -6 | 115 |
| 75 | LUST | HEATING OIL TANK | 3120 SE BIRCH AVE PORTLAND OR 97267 <i>Log NO Work Compl Dt:</i> 03-02-0305 10/14/2002 | NW | 0.39 / 2,037.46 | -2 | 115 |
| 76 | LUST | HEATING OIL TANK | 3140 SE BIRCH AVE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-02-0895 | NNW | 0.39 / 2,050.64 | 4 | 116 |
| 77 | LUST | HEATING OIL TANK | 4434 SE CONCORD RD PORTLAND OR 97267 <i>Log NO Work Compl Dt:</i> 26-01-5364 08/27/2001 | ENE | 0.39 / 2,060.75 | 139 | 116 |
| 78 | LUST | HEATING OIL TANK | 15314 SE EAST ST MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-02-0307 07/21/2004 | WNW | 0.39 / 2,073.90 | -42 | 116 |
| 79 | LUST | HEATING OIL TANK | 2920 SE Risley Avenue MILWAUKIE OR 97267 <i>Log NO Work Compl Dt:</i> 03-07-0680 06/21/2007 | WSW | 0.39 / 2,084.66 | -76 | 116 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------|--------------------------|---|------------------|-------------------------|-----------------------|---------------------|
| 80 | LUST | HEATING OIL TANK | 15715 SE FRANCIS AVENUE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-03-1132 07/30/2003</i> | ESE | 0.40 / 2,087.41 | 86 | 116 |
| 81 | LUST | HEATING OIL TANK | 14723 SE OATFIELD ROAD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-00-0527 12/12/2000</i> | NNW | 0.40 / 2,100.45 | 21 | 116 |
| 82 | LUST | HEATING OIL TANK | 3111 SE CONCORD RD MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-03-0151 04/23/2003</i> | SW | 0.41 / 2,142.10 | -102 | 116 |
| 83 | LUST | HEATING OIL TANK | 15858 SE WATSON PL MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-02-1577 03/10/2003</i> | WSW | 0.41 / 2,158.16 | -87 | 117 |
| 84 | LUST | HEATING OIL TANK | 4061 SE HAGER LN MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-00-6201 01/22/2001</i> | NNE | 0.41 / 2,160.48 | 82 | 117 |
| 85 | LUST | HEATING OIL TANK | 4218 SE Vineyard Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-13-0533 10/22/2013</i> | SSE | 0.41 / 2,173.58 | -56 | 117 |
| 86 | LUST | HEATING OIL TANK | 4228 SE Vineyard Rd PORTLAND OR 97269 <i>Log NO Work Compl Dt: 03-11-0820 09/19/2011</i> | SSE | 0.41 / 2,183.93 | -52 | 117 |
| 87 | LUST | HEATING OIL TANK | 2909 SE SWAIN Milwaukie OR 97267 <i>Log NO Work Compl Dt: 03-91-0313 09/19/1991</i> | W | 0.41 / 2,190.55 | -56 | 117 |
| 88 | LUST | HEATING OIL TANK | 15123 SE EAST AVE MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-99-1101 11/29/1999</i> | WNW | 0.42 / 2,208.68 | -32 | 117 |
| 89 | LUST | HEATING OIL TANK | 15835 SE WATSON PL MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-01-6622 </i> | WSW | 0.42 / 2,214.62 | -87 | 117 |
| 90 | LUST | HEATING OIL TANK | 3419 SE Kingsley Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-16-0591 07/26/2016</i> | SSW | 0.42 / 2,215.89 | -103 | 118 |
| 91 | LUST | HEATING OIL TANK | 3082 SE Concord Rd MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-06-2173 04/19/2007</i> | SW | 0.43 / 2,247.76 | -107 | 118 |
| 92 | LUST | HEATING OIL TANK | 14630 SE OAK CT MILWAUKIE OR 97267 <i>Log NO Work Compl Dt: 03-94-0151 11/28/1994</i> | NNW | 0.43 / 2,264.89 | -4 | 118 |
| 93 | LUST | HEATING OIL TANK | 16369 SE Vineyard Lane PORTLAND OR 97267 | S | 0.44 / 2,299.33 | -103 | 118 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number | |
|---------------------|------|-------------------------------------|--|-----------|--------------------|----------------|---------------------|--|
| | | | | | | | | |
| | | | <i>Log NO Work Compl Dt:</i> 03-07-0687 02/12/2008 | | | | | |
| 94 | LUST | HEATING OIL TANK | 3411 SE KINGSLEY ROAD MILWAUKIE OR 97267 | SSW | 0.44 / 2,300.76 | -113 | 118 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-03-2201 02/23/2004 | | | | | |
| 95 | LUST | HEATING OIL TANK | 15158 SE La Crescenta MILWAUKIE OR 97267 | ENE | 0.44 / 2,323.65 | 128 | 118 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-16-1286 | | | | | |
| 96 | LUST | HEATING OIL TANK | 3207 SE Westview Rd PORTLAND OR 97267 | SW | 0.44 / 2,335.72 | -118 | 118 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-09-0740 08/21/2009 | | | | | |
| 97 | LUST | HEATING OIL TANK | 2822 SE RISLEY AVENUE PORTLAND OR 97267 | WSW | 0.44 / 2,347.09 | -88 | 119 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-04-0069 05/19/2004 | | | | | |
| 98 | LUST | HEATING OIL TANK | 15615 SE Meadowlark Ln MILWAUKIE OR 97203 | E | 0.44 / 2,347.55 | 103 | 119 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-14-0849 02/04/2015 | | | | | |
| 99 | LUST | HEATING OIL TANK | 16212 SE HAROLD AVENUE OAK GROVE OR 97267 | SE | 0.45 / 2,390.40 | -46 | 119 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-98-0783 03/08/2000 | | | | | |
| 100 | LUST | HEATING OIL TANK | 14620 SW OATFIELD ROAD MILWAUKIE OR 97267 | NNW | 0.46 / 2,408.23 | 5 | 119 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-03-1989 | | | | | |
| 101 | LUST | HEATING OIL TANK | 3611 SE Hager Ln MILWAUKIE OR 97267 | N | 0.46 / 2,414.82 | 15 | 119 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-07-0930 08/22/2007 | | | | | |
| 102 | LUST | HEATING OIL TANK | 16420 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | S | 0.46 / 2,424.74 | -94 | 119 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-90-0298 09/25/1990 | | | | | |
| 103 | LUST | HEATING OIL TANK | 15621 SE MEADOWLARK LANE MILWAUKIE OR 97267 | E | 0.46 / 2,426.40 | 104 | 119 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-04-2180 02/23/2005 | | | | | |
| 104 | LUST | HEATING OIL TANK | 15506 SE LABONITA WAY PORTLAND OR 97267 | E | 0.46 / 2,429.06 | 110 | 120 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-05-1599 07/27/2007 | | | | | |
| 105 | LUST | HEATING OIL TANK | 16010 SE OATFIELD RD MILWAUKIE OR 97267 | ESE | 0.46 / 2,437.09 | 70 | 120 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-06-1291 11/22/2006 | | | | | |
| 106 | LUST | "PARR LUMBER COMPANY, OAK GROVE" | 3260 SE OAK GROVE BLVD MILWAUKIE OR 97222 | NW | 0.46 / 2,441.29 | -8 | 120 | |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number | |
|---------------------|------|-----------------------------|--|-----------|--------------------|----------------|---------------------|--|
| | | | | | | | | |
| | | | <i>Log NO Work Compl Dt:</i> 03-91-0479 11/19/1996 | | | | | |
| 107 | LUST | HEATING OIL TANK | 3619 SE HAGER LN MILWAUKIE OR 97267 | N | 0.46 / 2,444.19 | 16 | 120 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-05-0577 02/27/2006 | | | | | |
| 108 | LUST | HEATING OIL TANK | 3623 SE Hager Ln MILWAUKIE OR 97267 | N | 0.47 / 2,464.35 | 19 | 120 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-16-1005 | | | | | |
| 109 | LUST | HEATING OIL TANK | 14608 SE OATFIELD ROAD MILWAUKIE OR 97267 | NNW | 0.47 / 2,490.24 | 3 | 120 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-03-2150 12/24/2003 | | | | | |
| 110 | LUST | HEATING OIL TANK | 15525 SE LABONITA WAY MILWAUKIE OR 97267 | E | 0.47 / 2,492.88 | 111 | 121 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-05-2378 | | | | | |
| 111 | LUST | HEATING OIL TANK | 16225 SE Sun Ave MILWAUKIE OR 97267 | SSE | 0.48 / 2,530.48 | -67 | 121 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-08-0344 07/09/2008 | | | | | |
| 112 | LUST | HEATING OIL TANK | 15123 SE La Marquita Way PORTLAND OR 97267 | ENE | 0.48 / 2,543.41 | 146 | 121 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-08-0298 08/05/2008 | | | | | |
| 113 | LUST | HEATING OIL TANK | 2805 SE Risley Ave MILWAUKIE OR 97267 | WSW | 0.48 / 2,547.16 | -99 | 121 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-15-0343 06/28/2016 | | | | | |
| 114 | LUST | PANOCO INC/PANOCO SHELL #50 | 14811 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | NW | 0.48 / 2,552.06 | -13 | 121 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-89-0273 02/06/2008 | | | | | |
| 115 | LUST | HEATING OIL TANK | 16023 SE Oatfield Rd MILWAUKIE OR 97267 | ESE | 0.49 / 2,573.46 | 69 | 121 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-12-0774 09/04/2012 | | | | | |
| 116 | LUST | HEATING OIL TANK | 16300 SE Sun Ave MILWAUKIE OR 97267 | SSE | 0.49 / 2,603.68 | -66 | 121 | |
| | | | <i>Log NO Work Compl Dt:</i> 26-15-0473 09/02/2015 | | | | | |
| 117 | LUST | HEATING OIL TANK | 4788 SE THIESSEN RD MILWAUKIE OR 97267 | E | 0.49 / 2,606.60 | 114 | 122 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-06-1739 01/29/2008 | | | | | |
| 118 | LUST | HEATING OIL TANK | 4637 SE CONCORD MILWAUKIE OR 97267 | ENE | 0.50 / 2,638.54 | 162 | 122 | |
| | | | <i>Log NO Work Compl Dt:</i> 03-99-0050 | | | | | |
| 119 | ECSI | Town & Country Chevrolet | 16700 SE McLoughlin Blvd. Milwaukie OR 97267 | SSE | 0.59 / 3,118.01 | -112 | 122 | |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|---------------------|-----------|--------------------------|---|------------------|-------------------------|-----------------------|---------------------|
| 120 | ECSI | McNaef | McLoughlin Blvd. & Naef Rd. Oak Grove OR 97268 | SSE | 0.65 / 3,434.68 | -112 | 137 |
| 121 | CRL | Carlton Co. | 3901 SE Naef Rd Oak Grove OR 97268 <i>Site ID / Status:</i> 1035 REMEDIAL INVESTIGATION | S | 0.69 / 3,627.84 | -133 | 145 |
| 121 | ECSI | Carlton Co. | 3901 SE Naef Rd Oak Grove OR 97268 | S | 0.69 / 3,627.84 | -133 | 161 |
| 122 | ECSI | Riverside Jeep-Eagle | 16803 SE McLoughlin Blvd. Milwaukie OR 97267 | SSE | 0.71 / 3,754.75 | -117 | 177 |
| 123 | ECSI | Cash's Drapery | 13910 SE McLoughlin Blvd. Milwaukie OR 97267 | NNW | 0.88 / 4,665.12 | -12 | 199 |
| 124 | ECSI | TMD Investments | 3000 SE Courtney Ave. Milwaukie OR 97222 | NNW | 0.89 / 4,693.91 | -4 | 200 |

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CESQG - RCRA Conditionally Exempt Small Quantity Generators List

A search of the RCRA CESQG database, dated Dec 12, 2016 has found that there are 3 RCRA CESQG site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--|---|-------------------------|--------------------------------|---------------------------|
| WALMART NEIGHBORHOOD MARKET NO 3144 | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267-3857 | SSW | 0.12 / 619.39 | <u>6</u> |
| CHEVRON SS 94637 | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SW | 0.15 / 804.58 | <u>12</u> |
| GOODYEAR AUTO SERVICE CENTER | 15815 SE MCLOUGHLIN MILWAUKIE OR 97222 | SSW | 0.17 / 914.60 | <u>18</u> |

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Dec 12, 2016 has found that there are 2 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------|--|-------------------------|--------------------------------|---------------------------|
| JOHN KINSMAN COMPANY | 3727 SE SPAULDING MILWAUKIE OR 97267 | NE | 0.07 / 361.10 | <u>2</u> |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| PEP BOYS NO 579 | 15550 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | W | 0.18 / 927.12 | <u>19</u> |

State

CRL - Confirmed Release List/Inventory

A search of the CRL database, dated Oct 01, 2016 has found that there are 2 CRL site(s) within approximately 1.00 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|---|-------------------------|--------------------------------|---------------------------|
| Valet Cleaners | 15020 SE McLoughlin Blvd. Oak Grove OR 97267 | WNW | 0.31 / 1,643.94 | <u>47</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--|---------------------------------------|------------------|-------------------------|---------------------|
| <i>Site ID / Status: 1156 SITE INVESTIGATION</i> | | | | |
| Carlton Co. | 3901 SE Naef Rd Oak Grove OR 97268 | S | 0.69 / 3,627.84 | 121 |
| <i>Site ID / Status: 1035 REMEDIAL INVESTIGATION</i> | | | | |

ECSI - Environmental Cleanup Site Information Database

A search of the ECSI database, dated Oct 01, 2016 has found that there are 9 ECSI site(s) within approximately 1.00 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------|---|------------------|-------------------------|---------------------|
| A-1 Boat Detailing | 15555 SE McLoughlin Blvd. Milwaukie OR 97267 | W | 0.16 / 862.50 | 15 |
| Milwaukie Trolley Trail Project | Various streets in Milwaukie Milwaukie OR | SE | 0.20 / 1,062.38 | 23 |
| Valet Cleaners | 15020 SE McLoughlin Blvd. Oak Grove OR 97267 | WNW | 0.31 / 1,643.94 | 47 |
| Town & Country Chevrolet | 16700 SE McLoughlin Blvd. Milwaukie OR 97267 | SSE | 0.59 / 3,118.01 | 119 |
| McNaef | McLoughlin Blvd. & Naef Rd. Oak Grove OR 97268 | SSE | 0.65 / 3,434.68 | 120 |
| Carlton Co. | 3901 SE Naef Rd Oak Grove OR 97268 | S | 0.69 / 3,627.84 | 121 |
| Riverside Jeep-Eagle | 16803 SE McLoughlin Blvd. Milwaukie OR 97267 | SSE | 0.71 / 3,754.75 | 122 |
| Cash's Drapery | 13910 SE McLoughlin Blvd. Milwaukie OR 97267 | NNW | 0.88 / 4,665.12 | 123 |
| TMD Investments | 3000 SE Courtney Ave. Milwaukie OR 97222 | NNW | 0.89 / 4,693.91 | 124 |

LUST - Underground Storage Tank Cleanup List

A search of the LUST database, dated Oct 4, 2016 has found that there are 111 LUST site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|---------------------------|
| HEATING OIL TANK | 3908 SE Spaulding Ave MILWAUKIE OR 97267 | NE | 0.07 / 381.08 | <u>3</u> |
| | <i>Log NO Work Compl Dt: 03-09-0386 07/29/2009</i> | | | |
| HEATING OIL TANK | 3901 SE CONCORD ROAD MILWAUKIE OR 97267 | ESE | 0.08 / 402.75 | <u>4</u> |
| | <i>Log NO Work Compl Dt: 03-98-0366 </i> | | | |
| HEATING OIL TANK | 15233 SE OATFIELD RD MILWAUKIE OR 97267 | NE | 0.14 / 745.42 | <u>9</u> |
| | <i>Log NO Work Compl Dt: 03-99-0144 05/19/1999</i> | | | |
| HEATING OIL TANK | 15333 SE OATFIELD RD MILWAUKIE OR 97267 | ENE | 0.14 / 761.30 | <u>10</u> |
| | <i>Log NO Work Compl Dt: 03-05-0699 07/20/2005</i> | | | |
| HEATING OIL TANK | 15418 SE OATFIELD ROAD MILWAUKIE OR 97267 | E | 0.16 / 848.81 | <u>13</u> |
| | <i>Log NO Work Compl Dt: 03-03-0887 08/08/2003</i> | | | |
| HEATING OIL TANK | 15404 SE Oatfield Rd MILWAUKIE OR 97267 | E | 0.16 / 854.66 | <u>14</u> |
| | <i>Log NO Work Compl Dt: 03-15-1018 02/01/2016</i> | | | |
| HEATING OIL TANK | 3520 SE RISLEY AVE PORTLAND OR 97267 | NNW | 0.17 / 884.51 | <u>16</u> |
| | <i>Log NO Work Compl Dt: 03-02-0288 04/02/2009</i> | | | |
| HEATING OIL TANK | 15206 SE Oatfield Rd MILWAUKIE OR 97267 | NNE | 0.17 / 890.31 | <u>17</u> |
| | <i>Log NO Work Compl Dt: 03-09-0680 05/04/2010</i> | | | |
| HEATING OIL TANK | 3604 SE RISLEY AVE MILWAUKIE OR 97216 | NNW | 0.18 / 928.64 | <u>20</u> |
| | <i>Log NO Work Compl Dt: 26-04-2395 03/15/2005</i> | | | |
| HEATING OIL TANK | 3615 SE RISLEY AVE MILWAUKIE OR 97267 | NNW | 0.19 / 986.43 | <u>21</u> |
| | <i>Log NO Work Compl Dt: 03-05-0379 06/08/2005</i> | | | |
| HEATING OIL TANK | 4109 SE CONCORD MILWAUKIE OR 97267 | ENE | 0.20 / 1,052.22 | <u>22</u> |
| | <i>Log NO Work Compl Dt: 03-04-1444 03/15/2005</i> | | | |
| HEATING OIL TANK | 15106 SE OATFIELD RD MILWAUKIE OR 97267 | N | 0.20 / 1,081.46 | <u>24</u> |
| | <i>Log NO Work Compl Dt: 03-01-8286 12/26/2002</i> | | | |
| HEATING OIL TANK | 15119 SE KRONBERG AVE PORTLAND OR 97267 | NNW | 0.21 / 1,089.86 | <u>25</u> |
| | <i>Log NO Work Compl Dt: 26-01-6745 01/31/2002</i> | | | |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|--------------------|
| HEATING OIL TANK | 15130 SE Diamond Ln MILWAUKIE OR 97267 | NNE | 0.24 / 1,242.26 | 29 |
| | <i>Log NO Work Compl Dt: 03-15-0350 </i> | | | |
| HEATING OIL TANK | 4141 SE Concord Rd PORTLAND OR 97267 | ENE | 0.24 / 1,266.73 | 30 |
| | <i>Log NO Work Compl Dt: 26-07-0406 08/14/2007</i> | | | |
| HEATING OIL TANK | 15433 SE FRANCIS AVE MILWAUKIE OR 97267 | E | 0.25 / 1,335.39 | 31 |
| | <i>Log NO Work Compl Dt: 03-04-1176 10/14/2004</i> | | | |
| HEATING OIL TANK | 4025 SE VIEW ACRES RD MILWAUKIE OR 97267 | NE | 0.26 / 1,379.74 | 32 |
| | <i>Log NO Work Compl Dt: 03-06-0580 09/05/2006</i> | | | |
| HEATING OIL TANK | 15650 SE Oatfield Rd MILWAUKIE OR 97267 | ESE | 0.27 / 1,408.28 | 33 |
| | <i>Log NO Work Compl Dt: 03-12-0314 01/23/2013</i> | | | |
| HEATING OIL TANK | 4205 SE Concord Rd MILWAUKIE OR 97267 | ENE | 0.27 / 1,433.38 | 34 |
| | <i>Log NO Work Compl Dt: 03-08-0535 06/24/2008</i> | | | |
| HEATING OIL TANK | 15014 SE KRONBERG MILWAUKIE OR 97222 | NNW | 0.27 / 1,446.06 | 35 |
| | <i>Log NO Work Compl Dt: 03-01-5550 10/31/2001</i> | | | |
| HEATING OIL TANK | 3908 SE Risley Ave MILWAUKIE OR 97267 | NNE | 0.29 / 1,526.52 | 38 |
| | <i>Log NO Work Compl Dt: 03-13-1083 01/29/2014</i> | | | |
| HEATING OIL TANK | 15506 SE FRANCIS AVENUE MILWAUKIE OR 97256 | E | 0.29 / 1,535.05 | 39 |
| | <i>Log NO Work Compl Dt: 03-03-2286 </i> | | | |
| HEATING OIL TANK | 15523 SE FRANCIS AVE MILWAUKIE OR 97267 | E | 0.30 / 1,597.91 | 41 |
| | <i>Log NO Work Compl Dt: 03-06-1847 12/11/2006</i> | | | |
| HEATING OIL TANK | 15520 SE FRANCIS MILWAUKIE OR 97267 | E | 0.31 / 1,612.85 | 42 |
| | <i>Log NO Work Compl Dt: 03-05-0357 09/29/2005</i> | | | |
| HEATING OIL TANK | 4221 SE CONCORD RD MILWAUKIE OR 97267 | ENE | 0.31 / 1,615.75 | 44 |
| | <i>Log NO Work Compl Dt: 03-05-0748 07/11/2005</i> | | | |
| HEATING OIL TANK | 14821 SE OATFIELD RD MILWAUKIE OR 97267 | N | 0.31 / 1,617.89 | 45 |
| | <i>Log NO Work Compl Dt: 03-01-6152 08/07/2001</i> | | | |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|--------------------|
| HEATING OIL TANK | 15714 SE OATFIELD RD MILWAUKIE OR 97267 | ESE | 0.31 / 1,618.11 | 46 |
| | <i>Log NO Work Compl Dt: 03-00-6363 01/23/2001</i> | | | |
| HEATING OIL TANK | 15525 SE Francis Ave MILWAUKIE OR 97267 | E | 0.32 / 1,675.16 | 48 |
| | <i>Log NO Work Compl Dt: 03-16-1287 </i> | | | |
| HEATING OIL TANK | 15226 SE Meadowlark Ln MILWAUKIE OR 97267 | ENE | 0.32 / 1,688.00 | 49 |
| | <i>Log NO Work Compl Dt: 03-11-0386 08/08/2011</i> | | | |
| HEATING OIL TANK | 14912 SE Kronberg Ave MILWAUKIE OR 97267 | NW | 0.32 / 1,697.80 | 50 |
| | <i>Log NO Work Compl Dt: 03-04-2289 01/29/2014</i> | | | |
| HEATING OIL TANK | 15301 SE Meadowlark Ln PORTLAND OR 97267 | ENE | 0.33 / 1,720.35 | 51 |
| | <i>Log NO Work Compl Dt: 03-11-0562 09/02/2011</i> | | | |
| HEATING OIL TANK | 3945 SE Oatfield Ct PORTLAND OR 97267 | N | 0.33 / 1,733.26 | 53 |
| | <i>Log NO Work Compl Dt: 03-06-1904 01/16/2007</i> | | | |
| HEATING OIL TANK | 4457 SE ROBIN RD OAK GROVE OR 97222 | E | 0.33 / 1,738.16 | 54 |
| | <i>Log NO Work Compl Dt: 03-94-5274 </i> | | | |
| HEATING OIL TANK | 15600 SE Francis Ave MILWAUKIE OR 97267 | E | 0.33 / 1,765.76 | 55 |
| | <i>Log NO Work Compl Dt: 26-14-1174 02/04/2015</i> | | | |
| HEATING OIL TANK | 15311 SE Meadowlark LN MILWAUKIE OR 97267 | ENE | 0.34 / 1,773.62 | 56 |
| | <i>Log NO Work Compl Dt: 03-11-0632 07/31/2013</i> | | | |
| HEATING OIL TANK | 4108 SE RISLEY AVE MILWAUKIE OR 97267 | NNE | 0.34 / 1,805.33 | 59 |
| | <i>Log NO Work Compl Dt: 03-00-6094 08/21/2001</i> | | | |
| HEATING OIL TANK | 15113 SE CONCORD COURT MILWAUKIE OR 97267 | NE | 0.35 / 1,849.42 | 60 |
| | <i>Log NO Work Compl Dt: 03-96-0236 06/26/1996</i> | | | |
| HEATING OIL TANK | 15110 SE CONCORD CT MILWAUKIE OR 97267 | NE | 0.35 / 1,854.75 | 61 |
| | <i>Log NO Work Compl Dt: 03-02-5822 10/21/2002</i> | | | |
| HEATING OIL TANK | 15405 SE MEADOWLARK LN MILWAUKIE OR 97267 | E | 0.35 / 1,860.91 | 62 |
| | <i>Log NO Work Compl Dt: 03-99-0266 02/03/2000</i> | | | |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|--------------------|
| HEATING OIL TANK | 15122 SE LABONITA WAY MILWAUKIE OR 97267 | ENE | 0.36 / 1,880.19 | 63 |
| | <i>Log NO Work Compl Dt: 03-96-0750 01/13/2006</i> | | | |
| HEATING OIL TANK | 3775 SE McCartney Ln MILWAUKIE OR 97267 | NNW | 0.36 / 1,892.40 | 64 |
| | <i>Log NO Work Compl Dt: 03-06-1929 02/07/2007</i> | | | |
| HEATING OIL TANK | 4112 SE RISLEY MILWAUKIE OR 97267 | NNE | 0.36 / 1,911.77 | 65 |
| | <i>Log NO Work Compl Dt: 03-99-0396 </i> | | | |
| HEATING OIL TANK | 15620 SE Francis Ave MILWAUKIE OR 97267 | E | 0.36 / 1,924.16 | 66 |
| | <i>Log NO Work Compl Dt: 03-16-1026 </i> | | | |
| HEATING OIL TANK | 15412 SE MEADOWLARK LANE MILWAUKIE OR 97267 | E | 0.37 / 1,936.03 | 67 |
| | <i>Log NO Work Compl Dt: 03-00-5000 03/09/2001</i> | | | |
| HEATING OIL TANK | 14817 SE RAINTREE CT MILWAUKIE OR 97267 | NNE | 0.37 / 1,943.80 | 69 |
| | <i>Log NO Work Compl Dt: 03-04-0013 </i> | | | |
| HEATING OIL TANK | 15418 SE MEADOW LARK LANE MILWAUKIE OR 97267 | E | 0.38 / 2,000.55 | 70 |
| | <i>Log NO Work Compl Dt: 26-04-0313 04/04/2006</i> | | | |
| HEATING OIL TANK | 14729 SE Oatfield Rd MILWAUKIE OR 97222 | NNW | 0.38 / 2,009.21 | 72 |
| | <i>Log NO Work Compl Dt: 03-07-1881 02/20/2008</i> | | | |
| HEATING OIL TANK | 3140 SE BIRCH AVE MILWAUKIE OR 97267 | NNW | 0.39 / 2,050.64 | 76 |
| | <i>Log NO Work Compl Dt: 03-02-0895 </i> | | | |
| HEATING OIL TANK | 4434 SE CONCORD RD PORTLAND OR 97267 | ENE | 0.39 / 2,060.75 | 77 |
| | <i>Log NO Work Compl Dt: 26-01-5364 08/27/2001</i> | | | |
| HEATING OIL TANK | 15715 SE FRANCIS AVENUE MILWAUKIE OR 97267 | ESE | 0.40 / 2,087.41 | 80 |
| | <i>Log NO Work Compl Dt: 03-03-1132 07/30/2003</i> | | | |
| HEATING OIL TANK | 14723 SE OATFIELD ROAD MILWAUKIE OR 97267 | NNW | 0.40 / 2,100.45 | 81 |
| | <i>Log NO Work Compl Dt: 03-00-0527 12/12/2000</i> | | | |
| HEATING OIL TANK | 4061 SE HAGER LN MILWAUKIE OR 97267 | NNE | 0.41 / 2,160.48 | 84 |
| | <i>Log NO Work Compl Dt: 03-00-6201 01/22/2001</i> | | | |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|---------------------|
| HEATING OIL TANK | 15158 SE La Crescenta MILWAUKIE OR 97267 | ENE | 0.44 / 2,323.65 | 95 |
| | <i>Log NO Work Compl Dt: 03-16-1286 </i> | | | |
| HEATING OIL TANK | 15615 SE Meadowlark Ln MILWAUKIE OR 97203 | E | 0.44 / 2,347.55 | 98 |
| | <i>Log NO Work Compl Dt: 03-14-0849 02/04/2015</i> | | | |
| HEATING OIL TANK | 14620 SW OATFIELD ROAD MILWAUKIE OR 97267 | NNW | 0.46 / 2,408.23 | 100 |
| | <i>Log NO Work Compl Dt: 03-03-1989 </i> | | | |
| HEATING OIL TANK | 3611 SE Hager Ln MILWAUKIE OR 97267 | N | 0.46 / 2,414.82 | 101 |
| | <i>Log NO Work Compl Dt: 03-07-0930 08/22/2007</i> | | | |
| HEATING OIL TANK | 15621 SE MEADOWLARK LANE MILWAUKIE OR 97267 | E | 0.46 / 2,426.40 | 103 |
| | <i>Log NO Work Compl Dt: 03-04-2180 02/23/2005</i> | | | |
| HEATING OIL TANK | 15506 SE LABONITA WAY PORTLAND OR 97267 | E | 0.46 / 2,429.06 | 104 |
| | <i>Log NO Work Compl Dt: 03-05-1599 07/27/2007</i> | | | |
| HEATING OIL TANK | 16010 SE OATFIELD RD MILWAUKIE OR 97267 | ESE | 0.46 / 2,437.09 | 105 |
| | <i>Log NO Work Compl Dt: 03-06-1291 11/22/2006</i> | | | |
| HEATING OIL TANK | 3619 SE HAGER LN MILWAUKIE OR 97267 | N | 0.46 / 2,444.19 | 107 |
| | <i>Log NO Work Compl Dt: 03-05-0577 02/27/2006</i> | | | |
| HEATING OIL TANK | 3623 SE Hager Ln MILWAUKIE OR 97267 | N | 0.47 / 2,464.35 | 108 |
| | <i>Log NO Work Compl Dt: 03-16-1005 </i> | | | |
| HEATING OIL TANK | 14608 SE OATFIELD ROAD MILWAUKIE OR 97267 | NNW | 0.47 / 2,490.24 | 109 |
| | <i>Log NO Work Compl Dt: 03-03-2150 12/24/2003</i> | | | |
| HEATING OIL TANK | 15525 SE LABONITA WAY MILWAUKIE OR 97267 | E | 0.47 / 2,492.88 | 110 |
| | <i>Log NO Work Compl Dt: 03-05-2378 </i> | | | |
| HEATING OIL TANK | 15123 SE La Marquita Way PORTLAND OR 97267 | ENE | 0.48 / 2,543.41 | 112 |
| | <i>Log NO Work Compl Dt: 03-08-0298 08/05/2008</i> | | | |
| HEATING OIL TANK | 16023 SE Oatfield Rd MILWAUKIE OR 97267 | ESE | 0.49 / 2,573.46 | 115 |
| | <i>Log NO Work Compl Dt: 03-12-0774 09/04/2012</i> | | | |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------|--|-------------------------|--------------------------------|----------------------------|
| HEATING OIL TANK | 4788 SE THIESSEN RD MILWAUKIE OR 97267 | E | 0.49 / 2,606.60 | <u>117</u> |
| | <i>Log NO Work Compl Dt: 03-06-1739 01/29/2008</i> | | | |
| HEATING OIL TANK | 4637 SE CONCORD MILWAUKIE OR 97267 | ENE | 0.50 / 2,638.54 | <u>118</u> |
| | <i>Log NO Work Compl Dt: 03-99-0050 </i> | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| HEATING OIL TANK | 3718 SE CONCORD RD. MILWAUKIE OR 97267 | S | 0.08 / 417.05 | <u>5</u> |
| | <i>Log NO Work Compl Dt: 03-99-0413 09/28/1999</i> | | | |
| HEATING OIL TANK | 15318 SE Olive Ave MILWAUKIE OR 97267 | NW | 0.13 / 674.34 | <u>7</u> |
| | <i>Log NO Work Compl Dt: 03-13-0773 03/24/2014</i> | | | |
| HEATING OIL TANK | 15308 SE Olive Ave MILWAUKIE OR 97267 | NW | 0.15 / 798.01 | <u>11</u> |
| | <i>Log NO Work Compl Dt: 03-15-1369 12/21/2015</i> | | | |
| "CHEVRON U.S.A., INC. - 94637" | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SW | 0.15 / 804.58 | <u>12</u> |
| | <i>Log NO Work Compl Dt: 03-93-0111 08/01/1994</i> | | | |
| CHEVRON USA INC - 94637 | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SW | 0.15 / 804.58 | <u>12</u> |
| | <i>Log NO Work Compl Dt: 03-98-0959 11/26/2004</i> | | | |
| GOODYEAR AUTO SERVICE CENTER #8434 | 15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | SSW | 0.17 / 914.60 | <u>18</u> |
| | <i>Log NO Work Compl Dt: 03-96-0397 06/06/2000</i> | | | |
| FIRESTONE STORE 3558/021954 | 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | WNW | 0.22 / 1,166.43 | <u>26</u> |
| | <i>Log NO Work Compl Dt: 03-90-0254 09/24/1990</i> | | | |
| PRACTICAL RENT-A-CAR | 16001 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | S | 0.23 / 1,231.32 | <u>27</u> |
| | <i>Log NO Work Compl Dt: 03-90-0149 11/23/1990</i> | | | |
| HEATING OIL TANK | 15720 SE ORVILLE AVE MILWAUKIE OR 97267 | WSW | 0.23 / 1,237.38 | <u>28</u> |
| | <i>Log NO Work Compl Dt: 03-02-5445 </i> | | | |
| HEATING OIL TANK | 15923 SE HAROLD AVE PORTLAND OR 97267 | SE | 0.28 / 1,465.89 | <u>36</u> |
| | <i>Log NO Work Compl Dt: 03-07-0710 10/29/2007</i> | | | |
| HEATING OIL TANK | 3306 SE CONCORD ROAD MILWAUKIE OR 97267 | SW | 0.28 / 1,487.17 | <u>37</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|--|------------------|-------------------------|--------------------|
| | <i>Log NO Work Compl Dt: 03-03-1440 09/22/2003</i> | | | |
| HEATING OIL TANK | 3314 SE CONCORD ST MILWAUKIE OR 97267 | SW | 0.30 / 1,583.08 | 40 |
| | <i>Log NO Work Compl Dt: 03-05-2350 05/16/2006</i> | | | |
| HEATING OIL TANK | 16011 SE HAROLD MILWAUKIE OR 97267 | SE | 0.31 / 1,614.61 | 43 |
| | <i>Log NO Work Compl Dt: 03-97-0509 02/19/1998</i> | | | |
| HEATING OIL TANK | 3208 SE Concord Rd MILWAUKIE OR 97267 | SW | 0.33 / 1,730.41 | 52 |
| | <i>Log NO Work Compl Dt: 03-09-0585 01/19/2010</i> | | | |
| HEATING OIL TANK | 3203 SE Concord Rd MILWAUKIE OR 97267 | SW | 0.34 / 1,779.64 | 57 |
| | <i>Log NO Work Compl Dt: 03-07-0506 05/21/2014</i> | | | |
| RALLY AUTO MART SITE | 15025 SE MCLOUGHLIN BLVD OAK GROVE OR 97267 | NW | 0.34 / 1,802.48 | 58 |
| | <i>Log NO Work Compl Dt: 03-90-0341 01/03/1991</i> | | | |
| HEATING OIL TANK | 16110 SE HAROLD MILWAUKIE OR 97267 | SE | 0.37 / 1,940.88 | 68 |
| | <i>Log NO Work Compl Dt: 03-97-0276 </i> | | | |
| HEATING OIL TANK | 16106 SE Southview Ave MILWAUKIE OR 97267 | SW | 0.38 / 2,007.34 | 71 |
| | <i>Log NO Work Compl Dt: 03-13-0474 </i> | | | |
| HEATING OIL TANK | 3310 SE Westview Ave MILWAUKIE OR 97267 | SSW | 0.38 / 2,023.53 | 73 |
| | <i>Log NO Work Compl Dt: 03-01-6360 05/06/2014</i> | | | |
| HEATING OIL TANK | 3100 SE BIRCH MILWAUKIE OR 97267 | NW | 0.38 / 2,026.47 | 74 |
| | <i>Log NO Work Compl Dt: 03-01-6011 </i> | | | |
| HEATING OIL TANK | 3120 SE BIRCH AVE PORTLAND OR 97267 | NW | 0.39 / 2,037.46 | 75 |
| | <i>Log NO Work Compl Dt: 03-02-0305 10/14/2002</i> | | | |
| HEATING OIL TANK | 15314 SE EAST ST MILWAUKIE OR 97267 | WNW | 0.39 / 2,073.90 | 78 |
| | <i>Log NO Work Compl Dt: 03-02-0307 07/21/2004</i> | | | |
| HEATING OIL TANK | 2920 SE Risley Avenue MILWAUKIE OR 97267 | WSW | 0.39 / 2,084.66 | 79 |
| | <i>Log NO Work Compl Dt: 03-07-0680 06/21/2007</i> | | | |
| HEATING OIL TANK | 3111 SE CONCORD RD MILWAUKIE OR 97267 | SW | 0.41 / 2,142.10 | 82 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|--|------------------|-------------------------|---------------------------|
| | <i>Log NO Work Compl Dt: 03-03-0151 04/23/2003</i> | | | |
| HEATING OIL TANK | 15858 SE WATSON PL MILWAUKIE OR 97267 | WSW | 0.41 / 2,158.16 | <u>83</u> |
| | <i>Log NO Work Compl Dt: 03-02-1577 03/10/2003</i> | | | |
| HEATING OIL TANK | 4218 SE Vineyard Rd MILWAUKIE OR 97267 | SSE | 0.41 / 2,173.58 | <u>85</u> |
| | <i>Log NO Work Compl Dt: 03-13-0533 10/22/2013</i> | | | |
| HEATING OIL TANK | 4228 SE Vineyard Rd PORTLAND OR 97269 | SSE | 0.41 / 2,183.93 | <u>86</u> |
| | <i>Log NO Work Compl Dt: 03-11-0820 09/19/2011</i> | | | |
| HEATING OIL TANK | 2909 SE SWAIN Milwaukie OR 97267 | W | 0.41 / 2,190.55 | <u>87</u> |
| | <i>Log NO Work Compl Dt: 03-91-0313 09/19/1991</i> | | | |
| HEATING OIL TANK | 15123 SE EAST AVE MILWAUKIE OR 97267 | WNW | 0.42 / 2,208.68 | <u>88</u> |
| | <i>Log NO Work Compl Dt: 03-99-1101 11/29/1999</i> | | | |
| HEATING OIL TANK | 15835 SE WATSON PL MILWAUKIE OR 97267 | WSW | 0.42 / 2,214.62 | <u>89</u> |
| | <i>Log NO Work Compl Dt: 03-01-6622 </i> | | | |
| HEATING OIL TANK | 3419 SE Kingsley Rd MILWAUKIE OR 97267 | SSW | 0.42 / 2,215.89 | <u>90</u> |
| | <i>Log NO Work Compl Dt: 03-16-0591 07/26/2016</i> | | | |
| HEATING OIL TANK | 3082 SE Concord Rd MILWAUKIE OR 97267 | SW | 0.43 / 2,247.76 | <u>91</u> |
| | <i>Log NO Work Compl Dt: 03-06-2173 04/19/2007</i> | | | |
| HEATING OIL TANK | 14630 SE OAK CT MILWAUKIE OR 97267 | NNW | 0.43 / 2,264.89 | <u>92</u> |
| | <i>Log NO Work Compl Dt: 03-94-0151 11/28/1994</i> | | | |
| HEATING OIL TANK | 16369 SE Vineyard Lane PORTLAND OR 97267 | S | 0.44 / 2,299.33 | <u>93</u> |
| | <i>Log NO Work Compl Dt: 03-07-0687 02/12/2008</i> | | | |
| HEATING OIL TANK | 3411 SE KINGSLEY ROAD MILWAUKIE OR 97267 | SSW | 0.44 / 2,300.76 | <u>94</u> |
| | <i>Log NO Work Compl Dt: 03-03-2201 02/23/2004</i> | | | |
| HEATING OIL TANK | 3207 SE Westview Rd PORTLAND OR 97267 | SW | 0.44 / 2,335.72 | <u>96</u> |
| | <i>Log NO Work Compl Dt: 03-09-0740 08/21/2009</i> | | | |
| HEATING OIL TANK | 2822 SE RISLEY AVENUE PORTLAND OR 97267 | WSW | 0.44 / 2,347.09 | <u>97</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------------|--|------------------|-------------------------|---------------------|
| | <i>Log NO Work Compl Dt: 03-04-0069 05/19/2004</i> | | | |
| HEATING OIL TANK | 16212 SE HAROLD AVENUE OAK GROVE OR 97267 | SE | 0.45 / 2,390.40 | 99 |
| | <i>Log NO Work Compl Dt: 03-98-0783 03/08/2000</i> | | | |
| HEATING OIL TANK | 16420 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | S | 0.46 / 2,424.74 | 102 |
| | <i>Log NO Work Compl Dt: 03-90-0298 09/25/1990</i> | | | |
| "PARR LUMBER COMPANY, OAK GROVE" | 3260 SE OAK GROVE BLVD MILWAUKIE OR 97222 | NW | 0.46 / 2,441.29 | 106 |
| | <i>Log NO Work Compl Dt: 03-91-0479 11/19/1996</i> | | | |
| HEATING OIL TANK | 16225 SE Sun Ave MILWAUKIE OR 97267 | SSE | 0.48 / 2,530.48 | 111 |
| | <i>Log NO Work Compl Dt: 03-08-0344 07/09/2008</i> | | | |
| HEATING OIL TANK | 2805 SE Risley Ave MILWAUKIE OR 97267 | WSW | 0.48 / 2,547.16 | 113 |
| | <i>Log NO Work Compl Dt: 03-15-0343 06/28/2016</i> | | | |
| PANOCO INC/PANOCO SHELL #50 | 14811 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | NW | 0.48 / 2,552.06 | 114 |
| | <i>Log NO Work Compl Dt: 03-89-0273 02/06/2008</i> | | | |
| HEATING OIL TANK | 16300 SE Sun Ave MILWAUKIE OR 97267 | SSE | 0.49 / 2,603.68 | 116 |
| | <i>Log NO Work Compl Dt: 26-15-0473 09/02/2015</i> | | | |

UST - UST Facilities with Operating Certificates Allowing Fuel Deliveries

A search of the UST database, dated Oct 4, 2016 has found that there are 5 UST site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------|--|------------------|-------------------------|--------------------|
| GI JOE'S | 15600 SE MCLOUGHLIN BLVD PORTLAND OR 97222 | SSW | 0.12 / 619.39 | 6 |
| | <i>ID Facility Status: 6809 </i> | | | |
| CHEVRON USA INC - 94637 | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SW | 0.15 / 804.58 | 12 |
| | <i>ID Facility Status: 1107 </i> | | | |
| GOODYEAR AUTO SERVICE CENTER #8434 | 15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | SSW | 0.17 / 914.60 | 18 |
| | <i>ID Facility Status: 8754 </i> | | | |
| FIRESTONE #3556 - 021954 | 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | WNW | 0.22 / 1,166.43 | 26 |
| | <i>ID Facility Status: 7839 </i> | | | |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------|---|------------------|-------------------------|--------------------|
| PRACTICAL USED CAR RENTAL | 16001 SE MCLOUGHLIN MILWAUKIE OR 97267 | S | 0.23 / 1,231.32 | 27 |
| <i>ID Facility Status: 10342 </i> | | | | |

AST - Aboveground Storage Tanks

A search of the AST database, dated Sep 01, 2016 has found that there are 2 AST site(s) within approximately 0.25 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------|--|------------------|-------------------------|-------------------|
| NORTH CLACKAMAS SCHOOL DIST 12 | 3811 SE CONCORD RD MILWAUKIE OR 97267 | - | 0.00 / 0.00 | 1 |
| <i>Facility ID: 059845</i> | | | | |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|----------------------------|--|------------------|-------------------------|--------------------|
| DICKS COLOR CENTER | 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | WNW | 0.22 / 1,166.43 | 26 |
| <i>Facility ID: 009086</i> | | | | |

DTNK - Delisted Storage Tanks

A search of the DTNK database, dated Sep 01, 2016 has found that there are 1 DTNK site(s) within approximately 0.50 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|--|------------------|-------------------------|--------------------|
| OAK GROVE CHEVRON | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SW | 0.15 / 804.58 | 12 |

Non Standard

State

HAZMAT - Hazardous Materials Incident Reports

A search of the HAZMAT database, dated Nov 01, 2016 has found that there are 2 HAZMAT site(s) within approximately 0.12 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|--|------------------|-------------------------|-------------------|
| | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SSW | 0.12 / 619.39 | 6 |
| | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | SSW | 0.12 / 619.39 | 6 |

DRYCLEANERS - Drycleaner Facilities list

A search of the DRYCLEANERS database, dated Oct 12, 2016 has found that there are 1 DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

Lower Elevation

Address

Direction

Distance (mi/ft)

Map Key

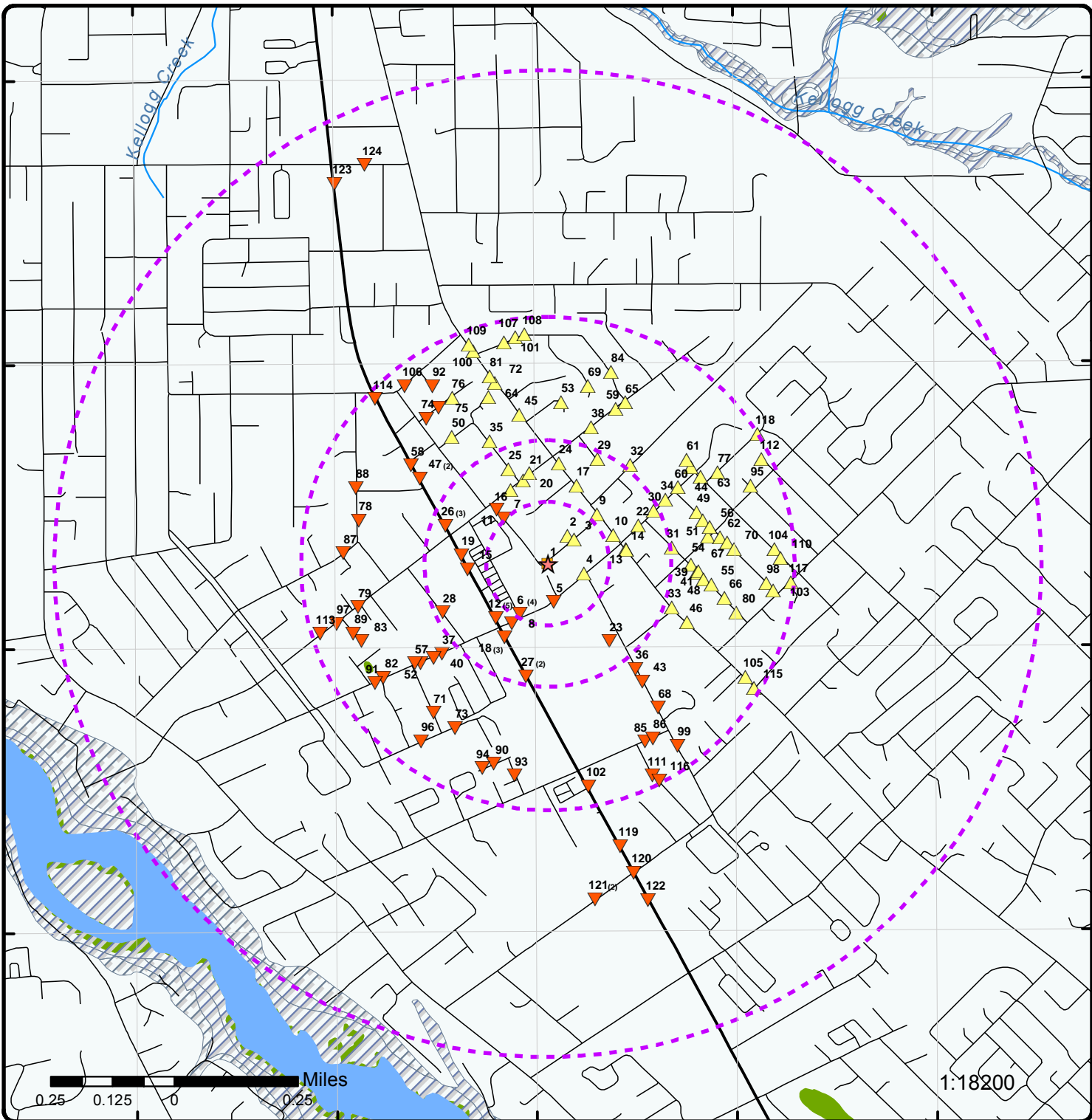
Alpine Cleaners

3640 SE Concord Rd
Milwaukie OR 97267

SSW

0.14 / 742.25

[8](#)



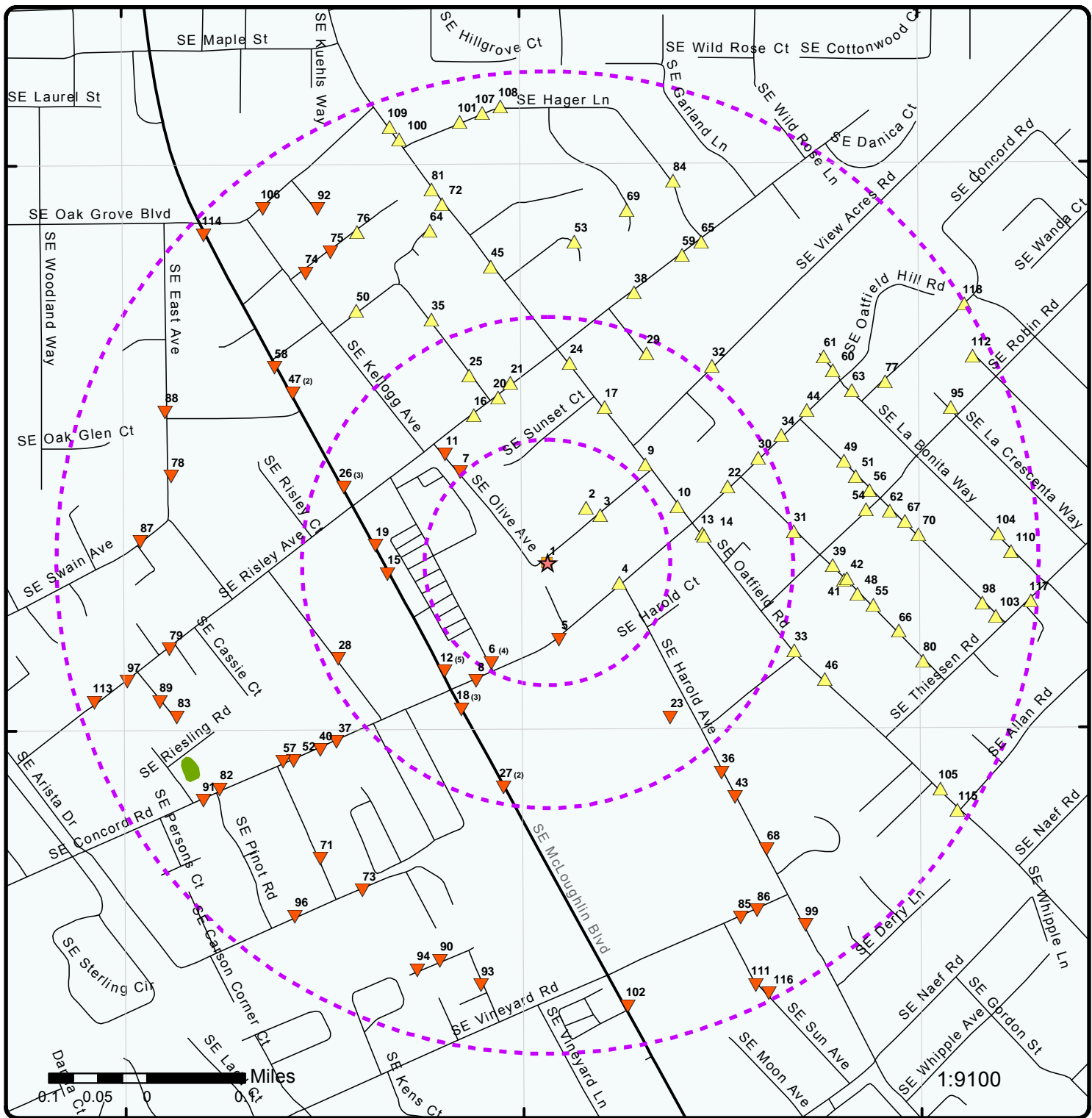
Map : 1 Mile Radius

Order No: 20170116098

Address: 3811 Se Concord Road, Milwaukie, OR



| | | | |
|-----------------------------------|-----------------------|------------------------------|--|
| Project Property | Rails | State Boundary | FWS Special Designation Areas |
| Buffer Outline | Major Highways | National Priority List Sites | State Brownfield Sites |
| Eris Sites with Higher Elevation | Major Highways Ramps | National Wetland | State Brownfield Areas |
| Eris Sites with Same Elevation | Major Roads | Indian Reserve Land | State Superfund Areas:Dept. of Defense |
| Eris Sites with Lower Elevation | Major Roads Ramps | Historic Fill | State Superfund Areas:NPL |
| Eris Sites with Unknown Elevation | Secondary Roads | 100 Year Flood Zone | WQARF Areas |
| County Boundary | Secondary Roads Ramps | 500 Year Flood Zone | Federal Lands: Dept. of Defense (owned/administered areas) |
| | Local Roads and Ramps | | |



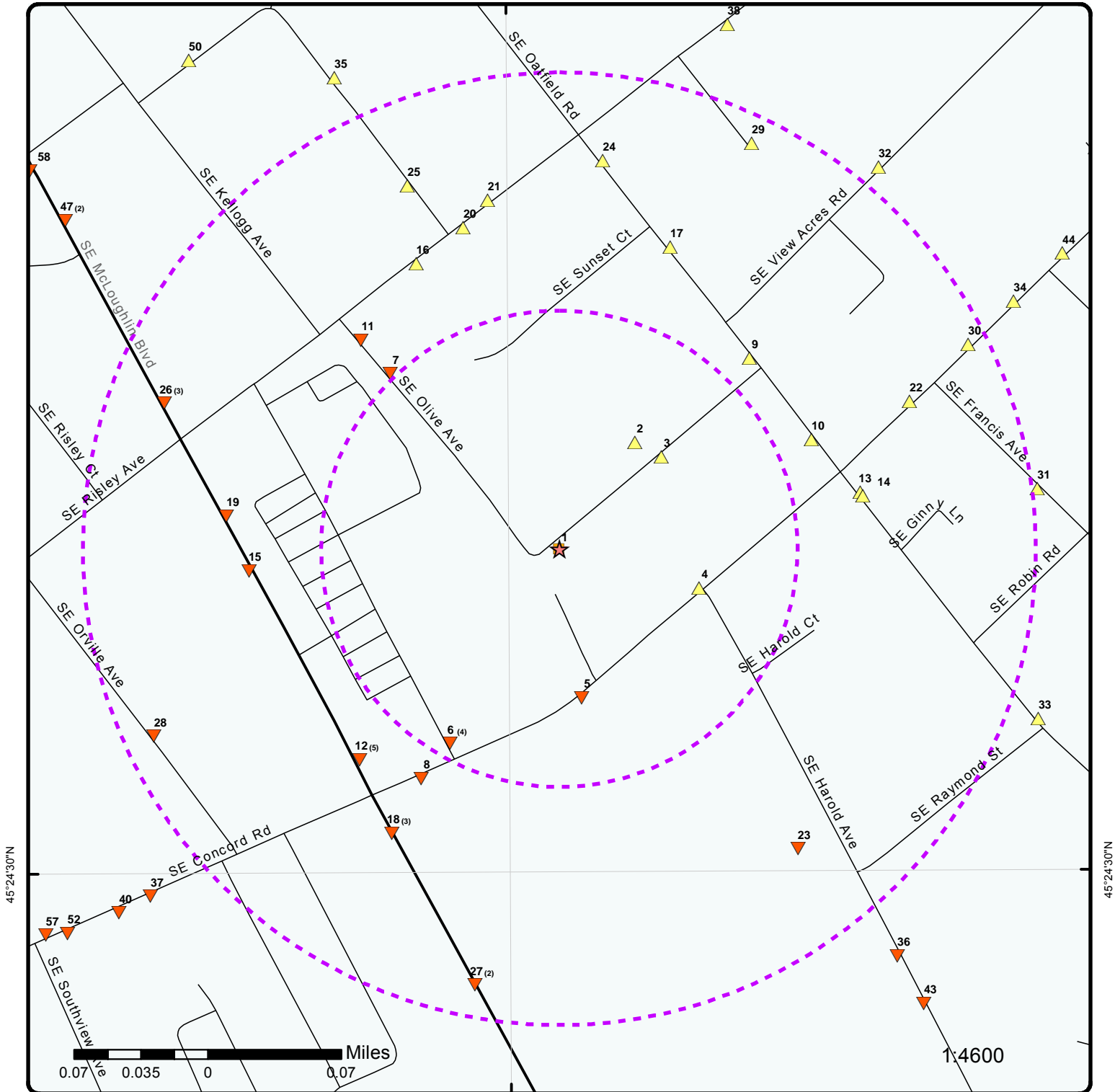
Map : 0.5 Mile Radius

Order No: 20170116098

Address: 3811 Se Concord Road, Milwaukie, OR



| | | | |
|-----------------------------------|-----------------------|------------------------------|--|
| Project Property | Rails | State Boundary | FWS Special Designation Areas |
| Buffer Outline | Major Highways | National Priority List Sites | State Brownfield Sites |
| Eris Sites with Higher Elevation | Major Highways Ramps | National Wetland | State Brownfield Areas |
| Eris Sites with Same Elevation | Major Roads | Indian Reserve Land | State Superfund Areas:Dept. of Defense |
| Eris Sites with Lower Elevation | Major Roads Ramps | Historic Fill | State Superfund Areas:NPL |
| Eris Sites with Unknown Elevation | Secondary Roads | 100 Year Flood Zone | WQARF Areas |
| County Boundary | Secondary Roads Ramps | 500 Year Flood Zone | Federal Lands: Dept. of Defense (owned/administered areas) |
| | Local Roads and Ramps | | |



Map : 0.25 Mile Radius

Order No: 20170116098

Address: 3811 Se Concord Road, Milwaukie, OR



| | | | |
|-----------------------------------|-----------------------|------------------------------|--|
| Project Property | Rails | State Boundary | FWS Special Designation Areas |
| Buffer Outline | Major Highways | National Priority List Sites | State Brownfield Sites |
| Eris Sites with Higher Elevation | Major Highways Ramps | National Wetland | State Brownfield Areas |
| Eris Sites with Same Elevation | Major Roads | Indian Reserve Land | State Superfund Areas:Dept. of Defense |
| Eris Sites with Lower Elevation | Major Roads Ramps | Historic Fill | State Superfund Areas:NPL |
| Eris Sites with Unknown Elevation | Secondary Roads | 100 Year Flood Zone | WQARF Areas |
| County Boundary | Secondary Roads Ramps | 500 Year Flood Zone | Federal Lands: Dept. of Defense (owned/administered areas) |
| | Local Roads and Ramps | | |



0.15 0.075 0 0.15 Miles

1:12100
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial

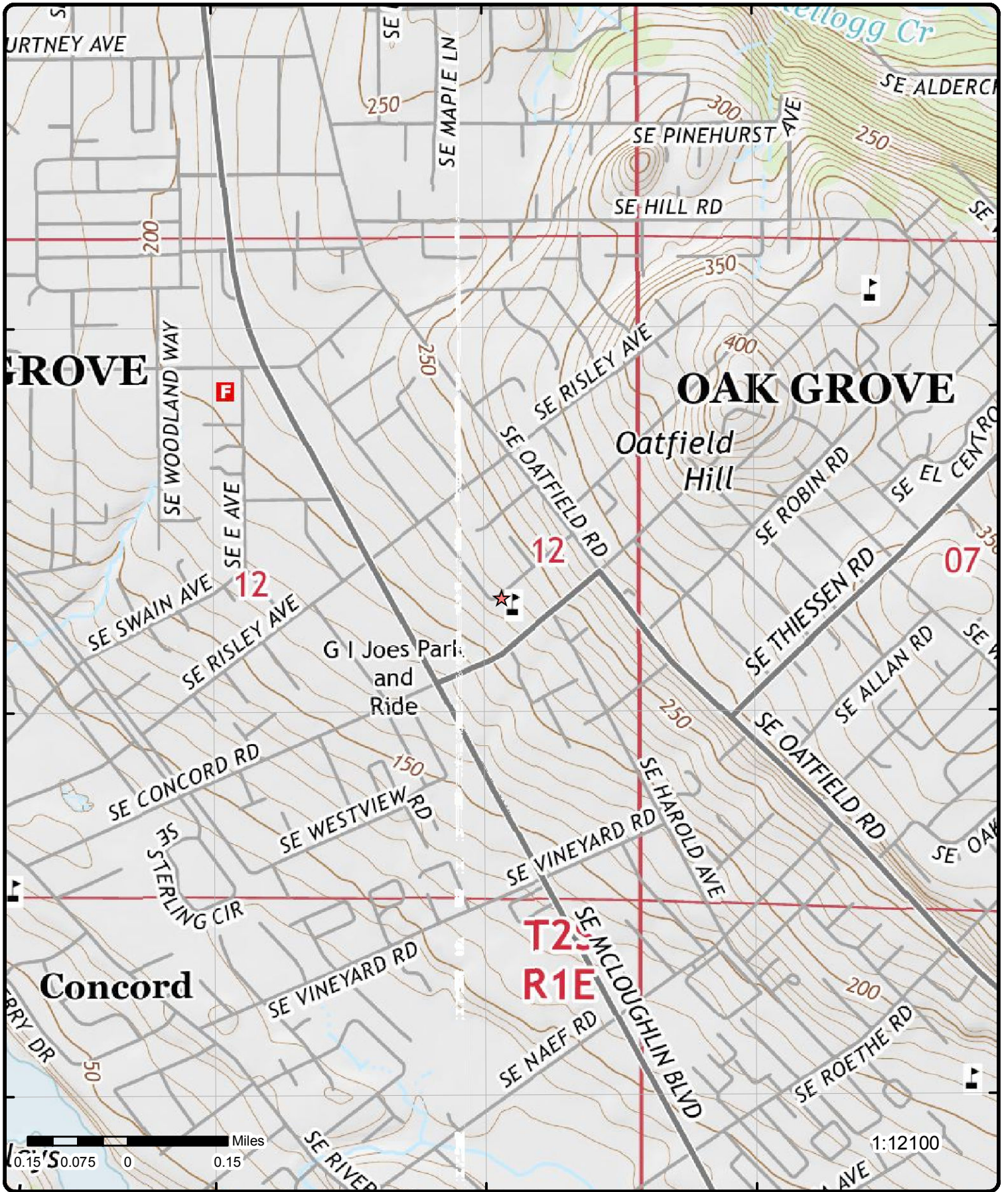
Address: 3811 Se Concord Road, Milwaukie, OR

Source: ESRI World Imagery

Order No: 20170116098



© ERIS Information Inc.



Topographic Map

Address: 3811 Se Concord Road, Milwaukie, OR

Source: USGS Topographic Map

Order No: 20170116098



© ERIS Information Inc.

Detail Report

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------|-------------------|-----------|------------------|-----------|---|-----|
| 1 | 1 of 1 | - | 0.00 / 0.00 | 226.85 | NORTH CLACKAMAS SCHOOL DIST 12 3811 SE CONCORD RD MILWAUKIE OR 97267 | AST |

Facility ID: 059845
Reported Chemicals: Y
EHS Facility: N
Sprinkled: N
CAA 112R Facility: NO
PSM Facility: NO
TRI Facility: N
TRI FID:
RCRA ID:
RMP Facility ID:
EHS Coord First Name:
EHS Coord Last Name:
EHS Coord Email:
Location address: 3811 SE CONCORD RD
Date Completed: 2/16/2016
Owner First Name: MATT
Owner Last Name: UTTERBACK
Owner Operator Email: UTTERBACK@NCLACK.K12.OR.US
Phone Business: 5033535400
Mail Address: 12451 SE FULLER RD
Mail City: MILWAUKIE
Mail State: OR
Mail Zip: 972221290
Max Occupants: 0
Emerg Contact First Name: AMANDA
Emerg Contact Last Name: WALL
Phone Day: 5035503236
Phone Day Ext:
Flag Status: 6
Rec Date: 3/2/2016
FDID: 0057
Fire Dept: CLACKAMAS CO FIRE DIST #1
Dunbrad:
Dept Div: CONCORD ELEMENTARY
Emerg Proc: MAIN OFFICE
Placard: N
Site Plan: Y
Business Type: ELEMENTARY SCHOOL
Mail Date: 2/1/2016
Short Memo:
Site No:
Voluntary:
Email Address: THORNTONE@NCLACK.K12.OR.US
Placard Other: N
Attn Of: ELIZABETH SEWARD
Completing F Name: AMANDA
Completing L Name: WALL
Completing Phone: 5033536073
Completing Phone Ext:
Latitude: 45.40987515
Longitude: -122.62441176
Occupied: FALSE
Unoccupied: TRUE

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|------------------|---|------------------|-------------|-----------|
| NAICS 1: | | | 611110 | | | |
| NAICS Desc 1: | | | ELEMENTARY & SECONDARY SCHOOLS | | | |
| NAICS 2: | | | 000000 | | | |
| NAICS Desc 2: | | | | | | |
| Chem Count: | | | 1 | | | |
| HM Team: | | | HM03 | | | |
| Fac Date Stamp: | | | | | | |
| Fac Name Stamp: | | | | | | |
| De Date 1: | | | | | | |
| De Date 2: | | | | | | |
| Info Update: | | | | | | |
| Comments: | | | | | | |
| Deinit 1: | | | VS | | | |
| --- | | | --- | | | |
| Facility Chemicals Information | | | | | | |
| --- | | | --- | | | |
| Facility Chem ID: | | | 059845-14378 | | | |
| Chemical ID: | | | 14378 | | | |
| Chemical Name: | | | HEATING OIL | | | |
| --- | | | --- | | | |
| Detailed Chemicals Information | | | | | | |
| --- | | | --- | | | |
| Haz Ingredient: | | | PETROLEUM DISTILLATES | | | |
| UNNA Number: | | | 1993 | | | |
| CAS Number: | | | 68334305 | | | |
| Synonym 1: | | | FUEL OIL NO. 2 | | | |
| Synonym 2: | | | NO. 2 HEATING FUEL | | | |
| Synonym 3: | | | HOME HEATING OIL | | | |
| Synonym 4: | | | ASTM NO. 2 GRADE FUEL OIL | | | |
| Synonym 5: | | | | | | |
| Synonym 6: | | | | | | |
| Synonym 7: | | | | | | |
| Synonym 8: | | | | | | |
| NFPA Health: | | | 2 | | | |
| NFPA Flammability: | | | 2 | | | |
| NFPA Reactivity: | | | 1 | | | |
| NFPA SpecialNotice: | | | | | | |
| Appearance Odor: | | | LIGHT YELLOW TO AMBER-COLORED LIQUID, KEROSENE ODOR | | | |
| Haz Class 1: | | | 3.0 | | | |
| Haz Class Desc 1: | | | Flammable and Combustible Liquid | | | |
| Haz Class 2: | | | | | | |
| Haz Class Desc 2: | | | | | | |
| Haz Class 3: | | | | | | |
| Haz Class Desc 3: | | | | | | |
| Hazard Rank: | | | 2 | | | |
| EHS Chem: | | | | | | |
| Toxic 313 Chemical: | | | | | | |
| PSM Chem: | | | | | | |
| CAA 112R Chem: | | | | | | |
| Pesticide: | | | | | | |
| EPA Pest Reg: | | | | | | |
| Contains 112r: | | | | | | |
| Contains EHS: | | | | | | |
| Contains 313 Chem: | | | | | | |
| Contains PSM: | | | | | | |
| MSDS PDF: | | | 002001.TXT | | | |
| MSDS Name: | | | | | | |
| Chem Added Date: | | | 12/31/1999 | | | |
| Fertilizer: | | | | | | |
| MSDS Date: | | | | | | |
| MSDS Processed: | | | | | | |
| MSDS Vol: | | | 1 | | | |
| Plan Priority: | | | 04 | | | |
| Info Update Date: | | | | | | |
| EHS Ingredient: | | | | | | |
| EHS CAS: | | | | | | |
| --- | | | --- | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|------------------------------|--------------------------|----------------------------------|-------------------------|------------------|-------------|-----------|
| Hazardous Ingredient: | | PETROLEUM DISTILLATES | | | | |
| Phys State: | | 2 | | | | |
| Phys Desc: | | LIQUID | | | | |
| Avg Code: | | 10 | | | | |
| Avg Amt: | | 200-499 | | | | |
| Max Code: | | 20 | | | | |
| Max Amt: | | 1,000-4,999 | | | | |
| Unit Measure: | | 2 | | | | |
| Unit Desc: | | GALLONS | | | | |
| Storage 1: | | B | | | | |
| Storage Type 1: | | UNDERGROUND TANK | | | | |
| Storage 2: | | | | | | |
| Storage Type 2: | | | | | | |
| Pressure 1: | | 1 | | | | |
| Pressure Type 1: | | NORMAL PRESSURE | | | | |
| Pressure 2: | | | | | | |
| Pressure Type 2: | | | | | | |
| Temp 1: | | 4 | | | | |
| Temp Type 1: | | NORMAL TEMPERATURE | | | | |
| Temp 2: | | | | | | |
| Temp Type 2: | | | | | | |
| Haz Class 1: | | 3.0 | | | | |
| Haz Class 1 Desc: | | Flammable and Combustible Liquid | | | | |
| Haz Class 2: | | | | | | |
| Haz Class 2 Desc: | | | | | | |
| Haz Class 3: | | | | | | |
| Haz Class 3 Desc: | | | | | | |
| Days On Site: | | 365 | | | | |
| Trade Secret: | | FALSE | | | | |
| Subst Pure: | | FALSE | | | | |
| Subst Mix: | | TRUE | | | | |
| Contains EHS: | | FALSE | | | | |
| Meets TPQ: | | FALSE | | | | |
| Amt In: | | 10 | | | | |
| Amt In Desc: | | 200-499 | | | | |
| Amt Out: | | 10 | | | | |
| Amt Out Desc: | | 200-499 | | | | |
| CAA112r: | | FALSE | | | | |
| Rptg PSM: | | FALSE | | | | |
| Toxic 313 Chemical: | | | | | | |
| PSM Chem: | | | | | | |
| CAA112R Chem: | | | | | | |
| EPA Pest Reg: | | | | | | |
| Contains 112r: | | | | | | |
| Contains EHS: | | | | | | |
| Contains 313: | | | | | | |
| Contains PSM: | | | | | | |
| MSDS PDF: | | 002001.TXT | | | | |
| MSDS Name: | | | | | | |
| Fertilizer: | | | | | | |
| MSDS Vol: | | 1 | | | | |
| Plan Priority: | | 04 | | | | |
| UNNA Number: | | 1993 | | | | |
| CAS Number: | | 68334305 | | | | |
| Hazard Rank: | | 2 | | | | |
| EHS Ingredient: | | | | | | |
| EHS CAS: | | -- | | | | |
| -- | | -- | | | | |

2

1 of 1

NE

0.07 / 361.10

244.93

JOHN KINSMAN COMPANY
3727 SE SPAULDING
MILWAUKIE OR 97267

RCRA
NON GEN

County Name: CLACKAMAS
County Code: OR005
EPA Handler ID: ORQ000019760
Current Site Name: JOHN KINSMAN COMPANY

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Generator Status Universe: | | | | | | |
| Land Type: | | Private | | | | |
| Activity Location: | | OR | | | | |
| TSD Activity: | | No | | | | |
| Mixed Waste Generator: | | No | | | | |
| Importer Activity: | | No | | | | |
| Transporter Activity: | | No | | | | |
| Transfer Facility: | | No | | | | |
| Recycler Activity: | | No | | | | |
| Onsite Burner Exemption: | | No | | | | |
| Furnace Exemption: | | No | | | | |
| Underground Inject Activity: | | No | | | | |
| Rece Waste From Off Site: | | No | | | | |
| Used Oil Transporter: | | | | | | |
| Used Oil Transfer Facility: | | | | | | |
| Used Oil Processor: | | | | | | |
| Used Oil Refiner: | | | | | | |
| Used Oil Burner: | | | | | | |
| Used Oil Market Burner: | | | | | | |
| Used Oil Spec Marketer: | | | | | | |
| Mailing Address: | | PO BOX 67139, PORTLAND, OR, 97268, US | | | | |
| Contact Name: | | KEITH KINSMAN | | | | |
| Contact Address: | | PO BOX 67139, PORTLAND, OR, 97268, US | | | | |
| Contact Email: | | | | | | |
| Location Street 2: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Information | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | JOHN KINSMAN | | | | |
| Owner/Operator Address: | | PO BOX 67139 PORTLAND OR US 97268-1139 | | | | |
| Owner/Operator Phone: | | 503 654-1668 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20021118 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | JOHN KINSMAN | | | | |
| Owner/Operator Address: | | PO BOX 67139 PORTLAND OR US 97268-1139 | | | | |
| Owner/Operator Phone: | | 503 654-1668 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20020129 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | JOHN KINSMAN | | | | |
| Owner/Operator Address: | | PO BOX 67139 PORTLAND OR US 97268-1139 | | | | |
| Owner/Operator Phone: | | 503 654-1668 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20021119 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| NAICS Information | | | | | | |
| -- | | -- | | | | |
| Naics Code: | | 23599 | | | | |
| Naics Description: | | ALL OTHER SPECIAL TRADE CONTRACTORS | | | | |
| Naics Active Status: | | No | | | | |
| Naics Cycle: | | 2007 | | | | |
| -- | | -- | | | | |
| Handler Information | | | | | | |
| -- | | -- | | | | |
| Date Received: | | 20020129 | | | | |
| Facility Name: | | JOHN KINSMAN COMPANY | | | | |
| -- | | -- | | | | |
| Date Received: | | 20021119 | | | | |
| Facility Name: | | JOHN KINSMAN COMPANY | | | | |
| -- | | -- | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---|-------------------------------|----------------------|------------------|--------------------------|---|--------|
| Date Received: | | 20021118 | | | | |
| Facility Name: | | JOHN KINSMAN COMPANY | | | | |
| -- | | -- | | | | |
| <u>3</u> | 1 of 1 | NE | 0.07 / 381.08 | 248.14 | HEATING OIL TANK 3908 SE Spaulding Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-09-0386 | | | Work Compl Dt: | 07/29/2009 | |
| Cleanup Rcvd Dt: | 05/07/2009 | | | Region: | NWR | |
| Cleanup Start Dt: | | | | | | |
| <u>4</u> | 1 of 1 | ESE | 0.08 / 402.75 | 240.59 | HEATING OIL TANK 3901 SE CONCORD ROAD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-98-0366 | | | Work Compl Dt: | | |
| Cleanup Rcvd Dt: | 05/18/1998 | | | Region: | NWR | |
| Cleanup Start Dt: | | | | | | |
| <u>5</u> | 1 of 1 | S | 0.08 / 417.05 | 211.14 | HEATING OIL TANK 3718 SE CONCORD RD. MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-99-0413 | | | Work Compl Dt: | 09/28/1999 | |
| Cleanup Rcvd Dt: | 04/29/1999 | | | Region: | NWR | |
| Cleanup Start Dt: | 04/28/1999 | | | | | |
| <u>6</u> | 1 of 4 | SSW | 0.12 / 619.39 | 186.68 | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | HAZMAT |
| Incident No: | 1305994 | | | Incident Rprd By: | | |
| Incident FDID: | 0057 | | | Incident Lat: | 0 | |
| Incident Date: | 4/25/2013 | | | Incident Long: | 0 | |
| Incident Time: | 7:27 | | | Incident State: | OR | |
| Year: | 2013 | | | Incident County: | | |
| Service Name: | CLACKAMAS CO FIRE DIST #1 | | | Location Type: | Street address | |
| Fire Inci Ty Cd: | | | | | | |
| Property Use: | Construction site | | | | | |
| Fire Incdnt Type: | Gas leak (natural gas or LPG) | | | | | |
| Remarks: | | | | | | |
| TITLE:Narrative [CRLF]E3, E2 and BC2 dispatched to 15600 SE McLoughlin Blvd for a natural gas line that was struck by a ditch witch. Location is at a Wall Mart Super Store construction site. An contractor, Mr. Joel Port, states he struck the line while attempting to dig a irrigation line apx 10 feet off the southwest corner of the building. Mr. Port states he immediately shut down the ditch witch and called 911.[CRLF][CRLF]E3 arrived to find a strong odor of mercaptan but no visible cloud of natural gas. E3 can hear a strong hissing coming from the ground near a piece of construction equipment near the alpha delta side of the building. [CRLF][CRLF]E3 directs all workers on site to leave the building and establishes McLoughlin Blvd command. E2 assigned gas detection inside the building under construction. E2 reports 0% L.E.L throughout the building. E3 then checks the Goodwill Industries building at 3601 SE Concord Rd and finds 0% L.E.L. [CRLF][CRLF]E2 and BC2 clears the scene while E3 waits for Northwest Natural Gas (NWNJ) to arrive. Scene turned over to NWNJ at 07:55. Once gas line to closed off using a downstream valve, construction employees are allowed to return to work and E3 clears the scene. | | | | | | |
| Responsible Party Information | | | | | | |
| -- | | | | | | |
| Business Name: | | | | | | |
| Phone Number: | | | | | | |
| Street Address: | | | | | | |
| City: | | | | | | |
| State: | | | | | | |
| Zip: | | | | | | |
| Contact Name: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--|--------------------------|------------------|-------------------------|------------------|--|-----------|
| -- | | -- | | | | |
| Person Involved Information | | | | | | |
| -- | | -- | | | | |
| Business Name: | | | | | | |
| Phone Number: | | | | | | |
| First Name: | | Joel | | | | |
| Last Name: | | Port | | | | |
| Type: | | Occupant | | | | |
| Primary Language: | | | | | | |
| -- | | -- | | | | |
| Business Name: | | | | | | |
| Phone Number: | | | | | | |
| First Name: | | | | | | |
| Last Name: | | | | | | |
| Type: | | Occupant | | | | |
| Primary Language: | | | | | | |
| -- | | -- | | | | |
| Hazardous Material Information | | | | | | |
| -- | | -- | | | | |
| Chemical Name: | | | | | | |
| Hazardous Materials Release: | | | | | | |
| Hazmat Amount Released: | | | | | | |
| Hazmat Released From: | | | | | | |
| Hazmat Released Into: | | | | | | |
| Hazmat Cause Of Release: | | | | | | |
| Hazmat Factors Contributing To Release: | | | | | | |
| Hazmat Volume Units: | | | | | | |
| Hazmat Weight Units: | | | | | | |
| Hazmat Physical State: | | | | | | |
| Hazmat CAS Number: | | | | | | |
| Hazmat UN Number: | | | | | | |
| Hazmat Container Type: | | | | | | |
| Hazmat Est. Container Capacity: | | | | | | |
| Hazmat Area Affected Measurement: | | | | | | |
| Hazmat Area Affected: | | | | | | |
| Hazmat Area Evacuated: | | | | | | |
| Hazmat Population Density: | | | | | | |
| Hazmat No. of People Evacuated: | | | | | | |
| Hazmat No of Buildings Evacuated: | | | | | | |
| Incident Property Loss: | | | | | | |
| Incident Content Loss: | | | | | | |
| Incident Exposure: | | 0 | | | | |
| Hazmat Disposition: | | | | | | |
| HazMat Actions Taken - Description: | | | | | | |
| Incident Mixed Use Property: | | | | | | |
| Incident Aid Given or Received: | | None | | | | |
| Incident Aid Received from FDID: | | | | | | |
| Incident Aided Department FDID: | | | | | | |
| Hazmat Dot Hazard Classification: | | | | | | |
| Hazmat Evacuated Measurement: | | | | | | |
| Hazmat Story of Release: | | | | | | |
| Basic Actions Taken Description: | | | | | HazMat detection, monitoring, sampling, & analysis | |
| Hazmat Injury Exposure: | | | | | | |
| Hazmat Death Exposure: | | | | | | |
| Service Casualty Severity: | | | | | | |
| Civilian Casualty Severity: | | | | | | |
| -- | | -- | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| Hazardous Material Information | | | | | | |
| -- | -- | | | | | |
| Chemical Name: | | | | | | |
| Hazardous Materials Release: | | | | | | |
| Hazmat Amount Released: | | | | | | |
| Hazmat Released From: | | | | | | |
| Hazmat Released Into: | | | | | | |
| Hazmat Cause Of Release: | | | | | | |
| Hazmat Factors Contributing To Release: | | | | | | |
| Hazmat Volume Units: | | | | | | |
| Hazmat Weight Units: | | | | | | |
| Hazmat Physical State: | | | | | | |
| Hazmat CAS Number: | | | | | | |
| Hazmat UN Number: | | | | | | |
| Hazmat Container Type: | | | | | | |
| Hazmat Est. Container Capacity: | | | | | | |
| Hazmat Area Affected Measurement: | | | | | | |
| Hazmat Area Affected: | | | | | | |
| Hazmat Area Evacuated: | | | | | | |
| Hazmat Population Density: | | | | | | |
| Hazmat No. of People Evacuated: | | | | | | |
| Hazmat No of Buildings Evacuated: | | | | | | |
| Incident Property Loss: | | | | | | |
| Incident Content Loss: | | | | | | |
| Incident Exposure: 0 | | | | | | |
| Hazmat Disposition: | | | | | | |
| HazMat Actions Taken - Description: | | | | | | |
| Incident Mixed Use Property: | | | | | | |
| Incident Aid Given or Received: None | | | | | | |
| Incident Aid Received from FDID: | | | | | | |
| Incident Aided Department FDID: | | | | | | |
| Hazmat Dot Hazard Classification: | | | | | | |
| Hazmat Evacuated Measurement: | | | | | | |
| Hazmat Story of Release: | | | | | | |
| Basic Actions Taken Description: Establish safe area | | | | | | |
| Hazmat Injury Exposure: | | | | | | |
| Hazmat Death Exposure: | | | | | | |
| Service Casualty Severity: | | | | | | |
| Civilian Casualty Severity: | | | | | | |
| -- | -- | | | | | |
| Hazardous Material Information | | | | | | |
| -- | -- | | | | | |
| Chemical Name: | | | | | | |
| Hazardous Materials Release: | | | | | | |
| Hazmat Amount Released: | | | | | | |
| Hazmat Released From: | | | | | | |
| Hazmat Released Into: | | | | | | |
| Hazmat Cause Of Release: | | | | | | |
| Hazmat Factors Contributing To Release: | | | | | | |
| Hazmat Volume Units: | | | | | | |
| Hazmat Weight Units: | | | | | | |
| Hazmat Physical State: | | | | | | |
| Hazmat CAS Number: | | | | | | |
| Hazmat UN Number: | | | | | | |
| Hazmat Container Type: | | | | | | |
| Hazmat Est. Container | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--|-------------------|-----------|------------------|-----------|------|----|
| Capacity: Hazmat Area Affected Measurement: Hazmat Area Affected: Hazmat Area Evacuated: Hazmat Population Density: Hazmat No. of People Evacuated: Hazmat No of Buildings Evacuated: Incident Property Loss: Incident Content Loss: Incident Exposure: 0 Hazmat Disposition: HazMat Actions Taken - Description: Incident Mixed Use Property: Incident Aid Given or Received: None Incident Aid Received from FDID: Incident Aided Department FDID: Hazmat Dot Hazard Classification: Hazmat Evacuated Measurement: Hazmat Story of Release: Basic Actions Taken Incident command Description: Hazmat Injury Exposure: Hazmat Death Exposure: Service Casualty Severity: Civilian Casualty Severity: -- | | | | | | |

| | | | | | | |
|-------------------|--------|-----|---------------|--------|--|--------|
| 6 | 2 of 4 | SSW | 0.12 / 619.39 | 186.68 | 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | HAZMAT |
|-------------------|--------|-----|---------------|--------|--|--------|

| | | | |
|--------------------------|--|-------------------------|----------------|
| Incident No: | 1202626 | Incdnt Rprd By: | |
| Incident FDID: | 0057 | Incident Lat: | 0 |
| Incident Date: | 2/20/2012 | Incident Long: | 0 |
| Incident Time: | 15:05 | Incident State: | OR |
| Year: | 2012 | Incident County: | |
| Service Name: | CLACKAMAS CO FIRE DIST #1 | Location Type: | Street address |
| Fire Inci Ty Cd: | | | |
| Property Use: | Vehicle parking area | | |
| Fire Incdnt Type: | Gasoline or other flammable liquid spill | | |
| Remarks: | | | |

TITLE:New Narrative [CRLF]E3 dispatched to a reported spill. Arrived to find a sheen on a parking lot. Sprayed down area, cleared.

Responsible Party Information

-- --

Business Name:

Phone Number:

Street Address:

City:

State:

Zip:

Contact Name:

-- --

Person Involved Information

-- --

Business Name:

Phone Number:

First Name:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--|-------------------|-----------|------------------|-----------|--|------------|
| Last Name: Type: Primary Language: -- -- Hazardous Material Information -- -- Chemical Name: Hazardous Materials Release: Hazmat Amount Released: Hazmat Released From: Hazmat Released Into: Hazmat Cause Of Release: Hazmat Factors Contributing To Release: Hazmat Volume Units: Hazmat Weight Units: Hazmat Physical State: Hazmat CAS Number: Hazmat UN Number: Hazmat Container Type: Hazmat Est. Container Capacity: Hazmat Area Affected Measurement: Hazmat Area Affected: Hazmat Area Evacuated: Hazmat Population Density: Hazmat No. of People Evacuated: Hazmat No of Buildings Evacuated: Incident Property Loss: Incident Content Loss: Incident Exposure: 0 Hazmat Disposition: HazMat Actions Taken - Description: Incident Mixed Use Property: Incident Aid Given or Received: None Incident Aid Received from FDID: Incident Aided Department FDID: Hazmat Dot Hazard Classification: Hazmat Evacuated Measurement: Hazmat Story of Release: Basic Actions Taken Description: Investigate Hazmat Injury Exposure: Hazmat Death Exposure: Service Casualty Severity: Civilian Casualty Severity: -- -- | | | | | | |
| 6 | 3 of 4 | SSW | 0.12 / 619.39 | 186.68 | WALMART NEIGHBORHOOD MARKET NO 3144 15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267-3857 | RCRA CESQG |

County Name: CLACKAMAS
County Code: OR005
EPA Handler ID: ORQ000031798
Current Site Name: WALMART NEIGHBORHOOD MARKET NO 3144
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Land Type: Private

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Activity Location: | | OR | | | | |
| TSD Activity: | | No | | | | |
| Mixed Waste Generator: | | No | | | | |
| Importer Activity: | | No | | | | |
| Transporter Activity: | | No | | | | |
| Transfer Facility: | | No | | | | |
| Recycler Activity: | | No | | | | |
| Onsite Burner Exemption: | | No | | | | |
| Furnace Exemption: | | No | | | | |
| Underground Inject Activity: | | No | | | | |
| Rece Waste From Off Site: | | No | | | | |
| Used Oil Transporter: | | | | | | |
| Used Oil Transfer Facility: | | | | | | |
| Used Oil Processor: | | | | | | |
| Used Oil Refiner: | | | | | | |
| Used Oil Burner: | | | | | | |
| Used Oil Market Burner: | | | | | | |
| Used Oil Spec Marketer: | | | | | | |
| Mailing Address: | | PO BOX 8041, BENTONVILLE, AR, 72716-8041, US | | | | |
| Contact Name: | | TROY STEELE | | | | |
| Contact Address: | | 15600 SE MCLOUGHLIN BLVD, MILWAUKIE, WA, 97267-3857, US | | | | |
| Contact Email: | | TJSTEEL.S03144.US@WALMART.COM | | | | |
| Location Street 2: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Information | | -- | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | MILES JACKSON | | | | |
| Owner/Operator Address: | | 3414 S 116TH ST SEATTLE WA US 98168 | | | | |
| Owner/Operator Phone: | | 206 832-2900 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20121231 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | WAL-MART STORES INC | | | | |
| Owner/Operator Address: | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | | | | |
| Owner/Operator Phone: | | 479-204-3517 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20130717 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | WAL-MART STORES INC | | | | |
| Owner/Operator Address: | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | | | | |
| Owner/Operator Phone: | | 479-204-3517 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20131231 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | WAL-MART STORES INC | | | | |
| Owner/Operator Address: | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | | | | |
| Owner/Operator Phone: | | 479-204-3517 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20140912 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | MILES JACKSON | | | | |
| Owner/Operator Address: | | 3414 S 116TH ST SEATTLE WA US 98168 | | | | |
| Owner/Operator Phone: | | 206 832-2900 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20121213 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|------------------|-------------------------|------------------|--|-----------|
| Owner/Operator Name: | | | | | WAL-MART STORES INC | |
| Owner/Operator Address: | | | | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | |
| Owner/Operator Phone: | | | | | 479-204-3517 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20141231 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CO | |
| Owner/Operator Name: | | | | | WAL-MART STORES INC | |
| Owner/Operator Address: | | | | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | |
| Owner/Operator Phone: | | | | | 479-277-8972 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20160505 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CP | |
| Owner/Operator Name: | | | | | WAL-MART STORES INC | |
| Owner/Operator Address: | | | | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | |
| Owner/Operator Phone: | | | | | 479-277-8972 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20160505 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CP | |
| Owner/Operator Name: | | | | | MILES JACKSON | |
| Owner/Operator Address: | | | | | 3414 S 116TH ST SEATTLE WA US 98168 | |
| Owner/Operator Phone: | | | | | 206 832-2900 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20121213 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CO | |
| Owner/Operator Name: | | | | | WAL-MART STORES INC | |
| Owner/Operator Address: | | | | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | |
| Owner/Operator Phone: | | | | | 479-204-3517 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20131231 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CO | |
| Owner/Operator Name: | | | | | WAL-MART STORES INC | |
| Owner/Operator Address: | | | | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | |
| Owner/Operator Phone: | | | | | 479-204-3517 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20140912 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CO | |
| Owner/Operator Name: | | | | | WAL-MART STORES INC | |
| Owner/Operator Address: | | | | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | |
| Owner/Operator Phone: | | | | | 479-204-3517 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20141231 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CO | |
| Owner/Operator Name: | | | | | WAL-MART STORES INC | |
| Owner/Operator Address: | | | | | PO BOX 8041 BENTONVILLE AR US 72716-8041 | |
| Owner/Operator Phone: | | | | | 479-204-3517 | |
| Owner/Operator Type: | | | | | P | |
| Date Became Current: | | | | | 20130717 | |
| Date Ended Current: | | | | | -- | |
| Owner/Operator Indicator: | | | | | CO | |
| Owner/Operator Name: | | | | | MILES JACKSON | |
| Owner/Operator Address: | | | | | 3414 S 116TH ST SEATTLE WA US 98168 | |
| Owner/Operator Phone: | | | | | 206 832-2900 | |
| Owner/Operator Type: | | | | | P | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| <i>Date Became Current:</i> | | 20121231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| NAICS Information | | | | | | |
| -- | | | | | | |
| <i>Naics Code:</i> | | 236220 | | | | |
| <i>Naics Description:</i> | | COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION | | | | |
| <i>Naics Active Status:</i> | | Yes | | | | |
| <i>Naics Cycle:</i> | | 2012 | | | | |
| -- | | | | | | |
| <i>Naics Code:</i> | | 452910 | | | | |
| <i>Naics Description:</i> | | WAREHOUSE CLUBS AND SUPERCENTERS | | | | |
| <i>Naics Active Status:</i> | | Yes | | | | |
| <i>Naics Cycle:</i> | | 2012 | | | | |
| -- | | | | | | |
| Handler Information | | | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | 20130717 | | | | |
| <i>Facility Name:</i> | | WALMART NEIGHBORHOOD MARKET NO 3144 | | | | |
| <i>Classification:</i> | | Conditionally Exempt Small Quantity | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | 20131231 | | | | |
| <i>Facility Name:</i> | | WALMART NEIGHBORHOOD MARKET NO 3144 | | | | |
| <i>Classification:</i> | | Conditionally Exempt Small Quantity | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | 20121231 | | | | |
| <i>Facility Name:</i> | | JACKSON DEAN CONST FOR WALMART NEIGHBORH | | | | |
| <i>Classification:</i> | | Conditionally Exempt Small Quantity | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | 20141231 | | | | |
| <i>Facility Name:</i> | | WALMART NEIGHBORHOOD MARKET NO 3144 | | | | |
| <i>Classification:</i> | | Conditionally Exempt Small Quantity | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | 20160505 | | | | |
| <i>Facility Name:</i> | | WALMART NEIGHBORHOOD MARKET NO 3144 | | | | |
| <i>Classification:</i> | | Conditionally Exempt Small Quantity | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | 20121213 | | | | |
| <i>Facility Name:</i> | | JACKSON DEAN CONST FOR WALMART NEIGHBORH | | | | |
| <i>Classification:</i> | | Small Quantity Generator | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | 20140912 | | | | |
| <i>Facility Name:</i> | | WALMART NEIGHBORHOOD MARKET NO 3144 | | | | |
| <i>Classification:</i> | | Conditionally Exempt Small Quantity | | | | |
| -- | | | | | | |
| Hazardous Waste Information | | | | | | |
| -- | | | | | | |
| <i>Waste Code:</i> | | NA | | | | |
| <i>Waste:</i> | | from br conversion | | | | |
| <i>Waste Code Active Status:</i> | | Yes | | | | |
| <i>BR Waste Code Active Status:</i> | | No | | | | |
| -- | | | | | | |

6 4 of 4 **SSW** 0.12 / 619.39 186.68 **GI JOE'S** **UST**
15600 SE MCLOUGHLIN BLVD
PORTLAND OR 97222

ID: 6809 **Facility Status:**
All Tank No: 1 **Operating Cert No:**
Active Tank No: **Source File:** FacilitiesList.xlsx
Decomm Tank No: **Phone:** (503)682-2242
Permit Tank No: **Permittee:** BILL CASTLEBERRY, MANAGER

7 1 of 1 **NW** 0.13 / 674.34 224.81 **HEATING OIL TANK** **LUST**
15318 SE Olive Ave

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------|--|-----------|------------------|-----------|---|--------------------|
| MILWAUKIE OR 97267 | | | | | | |
| Log NO: | 03-13-0773 | | | | Work Compl Dt: 03/24/2014 | |
| Cleanup Rcvd Dt: | 06/18/2013 | | | | Region: NWR | |
| Cleanup Start Dt: | | | | | | |
| <u>8</u> | 1 of 1 | SSW | 0.14 / 742.25 | 180.48 | Alpine Cleaners 3640 SE Concord Rd Milwaukie OR 97267 | DRYCLEANERS |
| DC ID: | 100 | | | | Phone: 503 786-2483 | |
| DEQ ID: | | | | | Owner ID: 7717 | |
| AQ Source ID: | | | | | Owner Name: Chang W. Kang | |
| Curr Satus: | CL | | | | Owner Org: Alpine Cleaners | |
| Solvent Pre-1998: | FALSE | | | | Owner Address: 3640 SE Concord Rd | |
| Perc Use Ongoing: | FALSE | | | | Owner City: Milwaukie | |
| Last Updated: | | | | | Owner State: OR | |
| Lat: | 45.4090596158097 | | | | Owner Zip: 97267 | |
| Long: | -122.624713405299 | | | | Owner Phone: | |
| Batch: | K | | | | Owner Lst Updt: 1/1/2000 | |
| Batch Desc: | Korean | | | | Owner Email: | |
| PR Owner ID: | 3168 | | | | Owner Eff Dt: 1/1/1999 | |
| Pro Name: | | | | | Mail Name: Alpine Cleaners | |
| Pro Organization: | | | | | Mail Address: 3640 SE Concord RD | |
| Pro Address: | | | | | Mail City: Milwaukie | |
| Pro City: | | | | | Mail State: OR | |
| Pro State: | | | | | Mail Zip: 97267-3908 | |
| Pro Zip: | | | | | Mail Last Updt: 9/1/1999 | |
| Pro Phone: | | | | | Mail ID: 3388 | |
| Pro Last Updt: | 4/17/2007 | | | | Mail Email: | |
| Pro Email: | | | | | Mail Effective Dt: 9/1/1999 | |
| Pro Eff Dt: | 4/17/2007 | | | | | |
| Curr Status Desc: | Closed site no longer eligible for funding from dry cleaning program (DCP) | | | | | |
| <u>9</u> | 1 of 1 | NE | 0.14 / 745.42 | 285.67 | HEATING OIL TANK 15233 SE OATFIELD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-99-0144 | | | | Work Compl Dt: 05/19/1999 | |
| Cleanup Rcvd Dt: | 02/17/1999 | | | | Region: NWR | |
| Cleanup Start Dt: | 04/12/1999 | | | | | |
| <u>10</u> | 1 of 1 | ENE | 0.14 / 761.30 | 285.86 | HEATING OIL TANK 15333 SE OATFIELD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-05-0699 | | | | Work Compl Dt: 07/20/2005 | |
| Cleanup Rcvd Dt: | 04/13/2005 | | | | Region: NWR | |
| Cleanup Start Dt: | 04/15/2005 | | | | | |
| <u>11</u> | 1 of 1 | NW | 0.15 / 798.01 | 224.54 | HEATING OIL TANK 15308 SE Olive Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-15-1369 | | | | Work Compl Dt: 12/21/2015 | |
| Cleanup Rcvd Dt: | 09/25/2015 | | | | Region: NWR | |
| Cleanup Start Dt: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--|-------------------|---|------------------|-----------|---|------|
| 12 | 1 of 5 | SW | 0.15 / 804.58 | 179.45 | OAK GROVE CHEVRON 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | DTNK |
| Facility ID: 022195 Original Source: AST Record Date: 17-Jun-2014 Facility Status: Oper Cert No: Source File: Fire Department ID: 0057 Fire Department: CLACKAMAS CO FIRE DIST #1 Haz Subs Pres?: Y Chem Count: 1 Dept or Division: Employees 2013: 12 Max Occup 2014: 12 Occupied: FALSE Unoccupied: FALSE Prev Year Survey: 8/8/2013 Cur Year Survey: PSM Facility: TRI Facility: TRI FID: RCRA ID: RMP Facility ID: Permittee: All Tank: Active Tank: Decomm Tank: Permit Tank: Reptd Chemicals: CAA 112R Facility: Flag Status: Rec Date: Dunbrad: Deinit1: Emerg Proc: Placard: Site Plan: Mail Date: Short Memo: Sprinkled: Site No: Voluntary: Placard Other: Attn of: Business Type: First Naics: First Naics Desc: Second Naics: 2ND Naics Desc: Comments: | | County: CLACKAMAS Mailing Addr: 15710 SE MCLOUGHLIN BLVD Mail City: MILWAUKIE Mail Zip: 97267 Mail State: OR Latitude: 45.40950045 Longitude: -122.62656411 EHS Crd Frst Nm: EHS Coord Email: Emerg Cont 2013: ASIT PATEL Emerg Cont 2014: Emrg Cnt Day Ph: 5034767070 Emrg Cnt Dy Ph Ex: Emerg Cont Email: Fac Says Are EHS: N Phone: EHS Crd Lst Nm: Street Pre: Street Suf: Street Type: Street Unit: Date Completed: Owner First Name: Owner Last Name: Owner Op Email: Phone Business: Max Occupants: Emerg Cnt Frst Nm: Emerg Cnt Lst Nm: Phone Day: Phone Day Ext: Email Address: Completing F Nm: Completing L Nm: Completing Phn: Comp Phn Ext: HM Team: Fac Date Stamp: Fac Name Stamp: De Date 1: De Date 2: Info Update: | | | | |
| | | GASOLINE SERVICE STATION & CONVENIENCE STORE CAR WASH 447110 GASOLINE STATIONS WITH CONVENIENCE STORES 811192 CAR WASHES | | | | |

| | | | | | | |
|--|--------|--|---------------|--------|--|------|
| 12 | 2 of 5 | SW | 0.15 / 804.58 | 179.45 | "CHEVRON U.S.A., INC. - 94637" 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | LUST |
| Log NO: 03-93-0111 Cleanup Rcvd Dt: 07/01/1993 Cleanup Start Dt: 06/28/1993 | | Work Compl Dt: 08/01/1994 Region: NWR | | | | |

| | | | | | | |
|--------------------|--------|----|---------------|--------|---|------|
| 12 | 3 of 5 | SW | 0.15 / 804.58 | 179.45 | CHEVRON USA INC - 94637 15710 SE MCLOUGHLIN BLVD | LUST |
|--------------------|--------|----|---------------|--------|---|------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------|-------------------|-----------|------------------|-----------|---------------------------|----|
| MILWAUKIE OR 97267 | | | | | | |
| Log NO: | 03-98-0959 | | | | Work Compl Dt: 11/26/2004 | |
| Cleanup Rcvd Dt: | 11/06/1998 | | | | Region: NWR | |
| Cleanup Start Dt: | 11/06/1998 | | | | | |

| | | | | | | |
|-------------------------------------|--------|---|---------------|--------|--|------------|
| 12 | 4 of 5 | SW | 0.15 / 804.58 | 179.45 | CHEVRON SS 94637 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | RCRA CESQG |
| County Name: | | CLACKAMAS | | | | |
| County Code: | | OR005 | | | | |
| EPA Handler ID: | | ORD987189271 | | | | |
| Current Site Name: | | CHEVRON SS 94637 | | | | |
| Generator Status Universe: | | Conditionally Exempt Small Quantity Generator | | | | |
| Land Type: | | Private | | | | |
| Activity Location: | | OR | | | | |
| TSD Activity: | | No | | | | |
| Mixed Waste Generator: | | No | | | | |
| Importer Activity: | | No | | | | |
| Transporter Activity: | | No | | | | |
| Transfer Facility: | | No | | | | |
| Recycler Activity: | | No | | | | |
| Onsite Burner Exemption: | | No | | | | |
| Furnace Exemption: | | No | | | | |
| Underground Inject Activity: | | No | | | | |
| Rece Waste From Off Site: | | No | | | | |
| Used Oil Transporter: | | | | | | |
| Used Oil Transfer Facility: | | | | | | |
| Used Oil Processor: | | | | | | |
| Used Oil Refiner: | | | | | | |
| Used Oil Burner: | | | | | | |
| Used Oil Market Burner: | | | | | | |
| Used Oil Spec Marketer: | | | | | | |
| Mailing Address: | | PO BOX 6004, SAN RAMON, CA, 94583-2324, US | | | | |
| Contact Name: | | KATHY NORRIS | | | | |
| Contact Address: | | PO BOX 6004, SAN RAMON, CA, 94583-2324, US | | | | |
| Contact Email: | | NAWTDESK@CHEVRON.COM | | | | |
| Location Street 2: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Information | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | CHEVRON USA PRODUCTS COMPANY | | | | |
| Owner/Operator Address: | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | | |
| Owner/Operator Phone: | | 877-386-6044 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20111231 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | CHEVRON PRODUCTS CO | | | | |
| Owner/Operator Address: | | 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267 | | | | |
| Owner/Operator Phone: | | (503) 659-1210 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 20111231 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | CHEVRON USA INC SS 94637 | | | | |
| Owner/Operator Address: | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| Owner/Operator Phone: | | (503) 659-1210 | | | | |
| Owner/Operator Type: | | O | | | | |
| Date Became Current: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 19950501 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20010228 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | | |
| <i>Owner/Operator Phone:</i> | | (925)842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20060219 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | | |
| <i>Owner/Operator Phone:</i> | | (925)842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20071231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON PRODUCTS CO | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20071231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON PRODUCTS CO | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20081231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 19931231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20000303 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON PRODUCTS CO | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|------------------|--|------------------|-----------------------|-----------|
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVDD | | MILWAUKIE OR US 97267 | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20061231 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | |
| Owner/Operator Phone: | | | 877-386-6044 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19910506 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | |
| Owner/Operator Phone: | | | 925 842-5931 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19980302 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON USA INC SS 94637 | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 19980302 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON USA INC SS 94637 | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 20010228 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | |
| Owner/Operator Phone: | | | 925 842-5931 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20020219 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | |
| Owner/Operator Phone: | | | 925 842-5931 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19970205 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON USA INC SS 94637 | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 20020219 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | |
| Owner/Operator Phone: | | | (925)842-5931 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20051231 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA INC SS 94637 | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | O | | | | |
| <i>Date Became Current:</i> | | 19940126 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA INC SS 94637 | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | O | | | | |
| <i>Date Became Current:</i> | | 19960305 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20031231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON PRODUCTS CO | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20060219 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | | |
| <i>Owner/Operator Phone:</i> | | (925)842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20081231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | | |
| <i>Owner/Operator Phone:</i> | | (925)842-3733 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20091231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 19920401 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA INC SS 94637 | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | -- | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA INC SS 94637 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|------------------|---|------------------|-----------------------|-----------|
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD | | MILWAUKIE OR US 97267 | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 19950501 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | |
| Owner/Operator Phone: | | | 925 842-5931 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19960305 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON USA INC SS 94637 | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 19990219 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON USA INC SS 94637 | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20031231 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON USA INC SS 94637 | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20041231 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-2324 | | | |
| Owner/Operator Phone: | | | (925)842-5931 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20061231 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON PRODUCTS CO | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20101231 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | CHEVRON USA PRODUCTS COMPANY | | | |
| Owner/Operator Address: | | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | |
| Owner/Operator Phone: | | | 925 842-5931 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19940126 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | CHEVRON USA INC SS 94637 | | | |
| Owner/Operator Address: | | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-1210 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 19970205 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA INC SS 94637 | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | O | | | | |
| <i>Date Became Current:</i> | | 20000303 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA INC SS 94637 | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | O | | | | |
| <i>Date Became Current:</i> | | 20030224 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20041231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON PRODUCTS CO | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20091231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 19990219 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON USA PRODUCTS COMPANY | | | | |
| <i>Owner/Operator Address:</i> | | PO BOX 6004 SAN RAMON CA US 94583-0804 | | | | |
| <i>Owner/Operator Phone:</i> | | 925 842-5931 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20030224 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | CHEVRON PRODUCTS CO | | | | |
| <i>Owner/Operator Address:</i> | | 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-1210 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20051231 | | | | |
| <i>Date Ended Current:</i> | | -- | | | | |
| -- | | -- | | | | |
| <i>NAICS Information</i> | | | | | | |
| -- | | -- | | | | |
| <i>Naics Code:</i> | | 44711 | | | | |
| <i>Naics Description:</i> | | GASOLINE STATIONS WITH CONVENIENCE STORES | | | | |
| <i>Naics Active Status:</i> | | Yes | | | | |
| <i>Naics Cycle:</i> | | 2002 | | | | |
| -- | | -- | | | | |
| <i>Naics Code:</i> | | 447110 | | | | |
| <i>Naics Description:</i> | | GASOLINE STATIONS WITH CONVENIENCE STORES | | | | |
| <i>Naics Active Status:</i> | | Yes | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|----------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Naics Cycle: | | 2012 | | | | |
| -- | | -- | | | | |
| Handler Information | | | | | | |
| -- | | -- | | | | |
| Date Received: | | 20000303 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19950501 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19990219 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20010228 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20041231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20051231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20060219 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20081231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20101231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19940126 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19980302 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Small Quantity Generator | | | | |
| -- | | -- | | | | |
| Date Received: | | 19931231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| -- | | -- | | | | |
| Date Received: | | 20091231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20030224 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20031231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20071231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19970205 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Small Quantity Generator | | | | |
| -- | | -- | | | | |
| Date Received: | | 20020219 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20111231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19960305 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20061231 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19920401 | | | | |
| Facility Name: | | CHEVRON SS 94637 | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Hazardous Waste Information | | -- | | | | |
| -- | | -- | | | | |
| Waste Code: | | D001 | | | | |
| Waste: | | IGNITABLE WASTE | | | | |
| Waste Code Active Status: | | Yes | | | | |
| BR Waste Code Active Status: | | Yes | | | | |
| -- | | -- | | | | |
| Waste Code: | | D018 | | | | |
| Waste: | | BENZENE | | | | |
| Waste Code Active Status: | | Yes | | | | |
| BR Waste Code Active Status: | | Yes | | | | |
| -- | | -- | | | | |
| Waste Code: | | NA | | | | |
| Waste: | | from br conversion | | | | |
| Waste Code Active Status: | | Yes | | | | |
| BR Waste Code Active Status: | | No | | | | |
| -- | | -- | | | | |
| Violation/Evaluation Information | | -- | | | | |
| -- | | -- | | | | |
| Evaluation Start Date: | | 19980817 | | | | |
| Evaluation Agency: | | S | | | | |
| Evaluation Type Description: | | COMPLIANCE EVALUATION INSPECTION ON-SITE | | | | |
| Violation Short Description: | | Generators - Manifest | | | | |
| Violation Determined Date: | | 19980817 | | | | |
| Actual Return to Compliance Date: | | 19980921 | | | | |
| Violation Responsible Agency: | | S | | | | |
| Enforcement Action Date: | | 19980824 | | | | |
| Enforcement Agency: | | S | | | | |
| Disposition Status Date: | | | | | | |
| Disposition Status: | | | | | | |
| Enforcement Type Description: | | NOTICE OF NONCOMPLIANCE | | | | |
| Proposed Penalty Amount: | | | | | | |
| Paid Amount: | | | | | | |
| Final Amount: | | | | | | |
| -- | | -- | | | | |
| Evaluation Start Date: | | 19980817 | | | | |
| Evaluation Agency: | | S | | | | |
| Evaluation Type Description: | | COMPLIANCE EVALUATION INSPECTION ON-SITE | | | | |
| Violation Short Description: | | TSD - Contingency Plan and Emergency Procedures | | | | |
| Violation Determined Date: | | 19980817 | | | | |
| Actual Return to Compliance Date: | | 19980921 | | | | |
| Violation Responsible Agency: | | S | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---|-------------------|-----------|------------------|-----------|---|------|
| Enforcement Action Date: 19980824 Enforcement Agency: S Disposition Status Date: Disposition Status: Enforcement Type Description: NOTICE OF NONCOMPLIANCE Proposed Penalty Amount: Paid Amount: Final Amount: -- Evaluation Start Date: 19980817 Evaluation Agency: S Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE Violation Short Description: LDR - General Violation Determined Date: 19980817 Actual Return to Compliance Date: 19980921 Violation Responsible Agency: S Enforcement Action Date: 19980824 Enforcement Agency: S Disposition Status Date: Disposition Status: Enforcement Type Description: NOTICE OF NONCOMPLIANCE Proposed Penalty Amount: Paid Amount: Final Amount: -- | | | | | | |
| 12 | 5 of 5 | SW | 0.15 / 804.58 | 179.45 | CHEVRON USA INC - 94637 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | UST |
| ID: 1107 All Tank No: 11 Active Tank No: 3 Decomm Tank No: 8 Permit Tank No: 3 Facility Status: Operating Cert No: 3-1107-2016-OPER Source File: FacilitiesList.xlsx, OperatingCertificatesList.xlsx Phone: (503)659-1210 Permittee: Andy Patel | | | | | | |
| 13 | 1 of 1 | E | 0.16 / 848.81 | 286.10 | HEATING OIL TANK 15418 SE OATFIELD ROAD MILWAUKIE OR 97267 | LUST |
| Log NO: 03-03-0887 Cleanup Rcvd Dt: 05/08/2003 Cleanup Start Dt: 05/09/2003 Work Compl Dt: 08/08/2003 Region: NWR | | | | | | |
| 14 | 1 of 1 | E | 0.16 / 854.66 | 285.73 | HEATING OIL TANK 15404 SE Oatfield Rd MILWAUKIE OR 97267 | LUST |
| Log NO: 03-15-1018 Cleanup Rcvd Dt: 07/21/2015 Cleanup Start Dt: Work Compl Dt: 02/01/2016 Region: NWR | | | | | | |
| 15 | 1 of 1 | W | 0.16 / 862.50 | 190.96 | A-1 Boat Detailing 15555 SE McLoughlin Blvd. Milwaukie OR 97267 | ECSI |
| Site ID: 4486 Investi Status: Suspect Furth Act Priority: 0 CERCLIS NO: Created on Dt: 08/16/2005 Last Update Dt: 04/01/2009 Site Alias Name: Range Coord: 1.00 | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|------------------|-------------------|-----------|------------------|-----------|----------------|-----------|
| NPL?: | False | | | | Range Zone: | E |
| Legis Fund Code: | 0 | | | | Section Coord: | 1 |
| Brownfield Desc: | 0 | | | | Qtr Sec Coord: | |
| Study Area Flag: | False | | | | Display Order: | 0 |
| Orphan Flag: | False | | | | Lat Decimal: | 45.4103 |
| Score Value: | | | | | Lat Degrees: | 45 |
| Tax Lots: | 1300 | | | | Lat Minutes: | 24 |
| Size: | 57,456 sq. ft. | | | | Lat Seconds: | 37.10 |
| FACA Identifier: | 89958 | | | | Long Decimal: | -122.6281 |
| County Name: | | | | | Long Degrees: | -122 |
| Region: | Northwest Region | | | | Long Minutes: | 37 |
| Town S Coord: | 2.00 | | | | Long Seconds: | 41.20 |
| Township Zone: | S | | | | | |

Admin Action Details

-- --

Action Code: 9424
Action Category: ADMIN
Action: Site added to database
Active: True
Req Priority Code: False
Agency: Department of Environmental Quality
Further Action Priority Code:
Start Date: 08/16/2005
Completion Date: 08/16/2005
Sub Program Code:
Rank Val:
Primary Action: False
Clean Up Report: False
Comment:
Last Updated By: DMESSEN
Last Updated: 08/16/2005
Created By: DMESSEN
Created Date: 08/16/2005
Emp ID:
Admin Region:
Admin Further Action Priority:

-- --

Action Code: 9508
Action Category: RA
Action: Site Screening recommended (EV)
Active: True
Req Priority Code: False
Agency: Department of Environmental Quality
Further Action Priority Code: 0
Start Date: 08/16/2005
Completion Date: 08/16/2005
Sub Program Code: SAS
Rank Val:
Primary Action: True
Clean Up Report: False
Comment:
Last Updated By: GWISTAR
Last Updated: 06/24/2008
Created By: DMESSEN
Created Date: 08/16/2005
Emp ID: 313
Admin Region: Northwest Region
Admin Further Action Priority: 0

-- --

Narrative

-- --

Narrative Code: 1899
Description: Contamination
Comment: (8/16/05 DM/SAP) Several 55-gallon drums and 5-gallon containers of waste oil apparently were dumped at the site. DEQ's Hazardous Waste staff reported a strong odor of oil and solvent on-site.
Created By: DMESSEN
Created Date: 08/16/2005

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------|-------------------|--|------------------|-----------|------|----|
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 09/07/2005 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| Narrative Code: | | 1907 | | | | |
| Description: | | Manner of Release | | | | |
| Comment: | | Time of release is unknown. | | | | |
| Created By: | | DMESSEN | | | | |
| Created Date: | | 08/16/2005 | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 09/07/2005 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| Narrative Code: | | 1914 | | | | |
| Description: | | Remedial Action | | | | |
| Comment: | | (8/16/05 DM/SAP) Site referred from Hazardous Waste Program. | | | | |
| Created By: | | DMESSEN | | | | |
| Created Date: | | 08/16/2005 | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 09/30/2005 | | | | |
| -- | | -- | | | | |

[16](#) 1 of 1 NNW 0.17 / 884.51 232.43 HEATING OIL TANK 3520 SE RISLEY AVE PORTLAND OR 97267 LUST

Log NO: 03-02-0288 Work Compl Dt: 04/02/2009
 Cleanup Rcvd Dt: 07/05/2002 Region: NWR
 Cleanup Start Dt: 07/05/2002

[17](#) 1 of 1 NNE 0.17 / 890.31 279.51 HEATING OIL TANK 15206 SE Oatfield Rd MILWAUKIE OR 97267 LUST

Log NO: 03-09-0680 Work Compl Dt: 05/04/2010
 Cleanup Rcvd Dt: 07/23/2009 Region: NWR
 Cleanup Start Dt:

[18](#) 1 of 3 SSW 0.17 / 914.60 176.43 GOODYEAR AUTO SERVICE CENTER #8434 15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 LUST

Log NO: 03-96-0397 Work Compl Dt: 06/06/2000
 Cleanup Rcvd Dt: 07/09/1996 Region: NWR
 Cleanup Start Dt: 07/09/1996

[18](#) 2 of 3 SSW 0.17 / 914.60 176.43 GOODYEAR AUTO SERVICE CENTER 15815 SE MCLOUGHLIN MILWAUKIE OR 97222 RCRA CESQG

County Name: CLACKAMAS
 County Code: OR005
 EPA Handler ID: ORD149983876
 Current Site Name: GOODYEAR AUTO SERVICE CENTER
 Generator Status Universe: Conditionally Exempt Small Quantity Generator
 Land Type: Private
 Activity Location: OR

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| TSD Activity: | | No | | | | |
| Mixed Waste Generator: | | No | | | | |
| Importer Activity: | | No | | | | |
| Transporter Activity: | | No | | | | |
| Transfer Facility: | | No | | | | |
| Recycler Activity: | | No | | | | |
| Onsite Burner Exemption: | | No | | | | |
| Furnace Exemption: | | No | | | | |
| Underground Inject Activity: | | No | | | | |
| Rece Waste From Off Site: | | No | | | | |
| Used Oil Transporter: | | | | | | |
| Used Oil Transfer Facility: | | | | | | |
| Used Oil Processor: | | | | | | |
| Used Oil Refiner: | | | | | | |
| Used Oil Burner: | | | | | | |
| Used Oil Market Burner: | | | | | | |
| Used Oil Spec Marketer: | | | | | | |
| Mailing Address: | | 15815 SE MCLOUGHLIN BV, MILWAUKIE, OR, 97267, US | | | | |
| Contact Name: | | DON E WESTON | | | | |
| Contact Address: | | 15815 SE MCLOUGHLIN BV, MILWAUKIE, OR, 97267, US | | | | |
| Contact Email: | | | | | | |
| Location Street 2: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Information | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | DARRELL SANTOS | | | | |
| Owner/Operator Address: | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| Owner/Operator Phone: | | (503) 659-8345 | | | | |
| Owner/Operator Type: | | O | | | | |
| Date Became Current: | | 19931231 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | GOODYEAR | | | | |
| Owner/Operator Address: | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | | |
| Owner/Operator Phone: | | (216) 796-2121 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 19990121 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | GOODYEAR AUTO SERVICE CENTER | | | | |
| Owner/Operator Address: | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| Owner/Operator Phone: | | (503) 659-8345 | | | | |
| Owner/Operator Type: | | O | | | | |
| Date Became Current: | | 20010206 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | GOODYEAR | | | | |
| Owner/Operator Address: | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | | |
| Owner/Operator Phone: | | (216) 796-2121 | | | | |
| Owner/Operator Type: | | P | | | | |
| Date Became Current: | | 19980501 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CP | | | | |
| Owner/Operator Name: | | GOODYEAR AUTO SERVICE CENTER | | | | |
| Owner/Operator Address: | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| Owner/Operator Phone: | | (503) 659-8345 | | | | |
| Owner/Operator Type: | | O | | | | |
| Date Became Current: | | 20021007 | | | | |
| Date Ended Current: | | | | | | |
| -- | | -- | | | | |
| Owner/Operator Indicator: | | CO | | | | |
| Owner/Operator Name: | | GOODYEAR | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|------------------|--|------------------|-------------|-----------|
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19920401 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | GOODYEAR | | | |
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19931231 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Owner/Operator Address: | | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-8345 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 19950105 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Owner/Operator Address: | | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-8345 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 19990121 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | GOODYEAR | | | |
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20000202 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CP | | | |
| Owner/Operator Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Owner/Operator Address: | | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | |
| Owner/Operator Phone: | | | (503) 659-8345 | | | |
| Owner/Operator Type: | | | O | | | |
| Date Became Current: | | | 19980501 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | GOODYEAR | | | |
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19930311 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | GOODYEAR | | | |
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19960304 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | GOODYEAR | | | |
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 19860722 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR AUTO SERVICE CENTER | | | | |
| <i>Owner/Operator Address:</i> | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-8345 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 20031231 | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR AUTO SERVICE CENTER | | | | |
| <i>Owner/Operator Address:</i> | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-8345 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR | | | | |
| <i>Owner/Operator Address:</i> | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | | |
| <i>Owner/Operator Phone:</i> | | (216) 796-2121 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 19970123 | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR AUTO SERVICE CENTER | | | | |
| <i>Owner/Operator Address:</i> | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-8345 | | | | |
| <i>Owner/Operator Type:</i> | | O | | | | |
| <i>Date Became Current:</i> | | 20000202 | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR | | | | |
| <i>Owner/Operator Address:</i> | | 1144 E. MARKET ST AKRON OH 443160001 | | | | |
| <i>Owner/Operator Phone:</i> | | 2167962121 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR AUTO SERVICE CENTER | | | | |
| <i>Owner/Operator Address:</i> | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-8345 | | | | |
| <i>Owner/Operator Type:</i> | | O | | | | |
| <i>Date Became Current:</i> | | 19970123 | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR | | | | |
| <i>Owner/Operator Address:</i> | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | | |
| <i>Owner/Operator Phone:</i> | | (216) 796-2121 | | | | |
| <i>Owner/Operator Type:</i> | | P | | | | |
| <i>Date Became Current:</i> | | 19950105 | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CP | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR AUTO SERVICE CENTER | | | | |
| <i>Owner/Operator Address:</i> | | 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267 | | | | |
| <i>Owner/Operator Phone:</i> | | (503) 659-8345 | | | | |
| <i>Owner/Operator Type:</i> | | O | | | | |
| <i>Date Became Current:</i> | | 19960304 | | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Owner/Operator Indicator:</i> | | CO | | | | |
| <i>Owner/Operator Name:</i> | | GOODYEAR | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------|--------------------------|------------------|---|------------------|-------------|-----------|
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20010206 | | | |
| Date Ended Current: | | | -- | | | |
| Owner/Operator Indicator: | | | CO | | | |
| Owner/Operator Name: | | | GOODYEAR | | | |
| Owner/Operator Address: | | | 1144 E. MARKET ST AKRON OH US 44316-0001 | | | |
| Owner/Operator Phone: | | | (216) 796-2121 | | | |
| Owner/Operator Type: | | | P | | | |
| Date Became Current: | | | 20021007 | | | |
| Date Ended Current: | | | -- | | | |
| NAICS Information | | | | | | |
| Naics Code: | | | 811118 | | | |
| Naics Description: | | | OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE | | | |
| Naics Active Status: | | | Yes | | | |
| Naics Cycle: | | | 2002 | | | |
| Naics Code: | | | 811198 | | | |
| Naics Description: | | | ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE | | | |
| Naics Active Status: | | | Yes | | | |
| Naics Cycle: | | | 2002 | | | |
| Naics Code: | | | 441229 | | | |
| Naics Description: | | | ALL OTHER MOTOR VEHICLE DEALERS | | | |
| Naics Active Status: | | | No | | | |
| Naics Cycle: | | | 2012 | | | |
| Naics Code: | | | 811112 | | | |
| Naics Description: | | | AUTOMOTIVE EXHAUST SYSTEM REPAIR | | | |
| Naics Active Status: | | | Yes | | | |
| Naics Cycle: | | | 2002 | | | |
| Handler Information | | | | | | |
| Date Received: | | | 19950105 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Classification: | | | Conditionally Exempt Small Quantity | | | |
| Date Received: | | | 20031231 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Classification: | | | Conditionally Exempt Small Quantity | | | |
| Date Received: | | | 19920401 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Classification: | | | Conditionally Exempt Small Quantity | | | |
| Date Received: | | | 19970123 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Classification: | | | Conditionally Exempt Small Quantity | | | |
| Date Received: | | | 19931231 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Date Received: | | | 20010206 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Classification: | | | Conditionally Exempt Small Quantity | | | |
| Date Received: | | | 19930311 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Classification: | | | Conditionally Exempt Small Quantity | | | |
| Date Received: | | | 20021007 | | | |
| Facility Name: | | | GOODYEAR AUTO SERVICE CENTER | | | |
| Classification: | | | Conditionally Exempt Small Quantity | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------------------|-------------------|-------------------------------------|------------------|-----------|------|----|
| -- | | -- | | | | |
| Date Received: | | 19990121 | | | | |
| Facility Name: | | GOODYEAR AUTO SERVICE CENTER | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 20000202 | | | | |
| Facility Name: | | GOODYEAR AUTO SERVICE CENTER | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19960304 | | | | |
| Facility Name: | | GOODYEAR AUTO SERVICE CENTER | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Date Received: | | 19980501 | | | | |
| Facility Name: | | GOODYEAR AUTO SERVICE CENTER | | | | |
| Classification: | | Conditionally Exempt Small Quantity | | | | |
| -- | | -- | | | | |
| Hazardous Waste Information | | -- | | | | |
| -- | | -- | | | | |
| Waste Code: | | NA | | | | |
| Waste: | | from br conversion | | | | |
| Waste Code Active Status: | | Yes | | | | |
| BR Waste Code Active Status: | | No | | | | |
| -- | | -- | | | | |
| Waste Code: | | NONE | | | | |
| Waste: | | DESCRIPTION | | | | |
| Waste Code Active Status: | | No | | | | |
| BR Waste Code Active Status: | | No | | | | |
| -- | | -- | | | | |

| | | | | | | |
|------------------------|--------|-----|---------------|--------|--|----------------------|
| 18 | 3 of 3 | SSW | 0.17 / 914.60 | 176.43 | GOODYEAR AUTO SERVICE CENTER #8434 15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | UST |
| ID: | 8754 | | | | Facility Status: | |
| All Tank No: | 1 | | | | Operating Cert No: | |
| Active Tank No: | | | | | Source File: | FacilitiesList.xlsx |
| Decomm Tank No: | 1 | | | | Phone: | (503)659-8345 |
| Permit Tank No: | | | | | Permittee: | C SCHNAIBLE, MANAGER |

| | | | | | | |
|-------------------------------------|-----------------|---|---------------|--------|---|-----------------|
| 19 | 1 of 1 | W | 0.18 / 927.12 | 197.08 | PEP BOYS NO 579 15550 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | RCRA NON GEN |
| County Name: | CLACKAMAS | | | | | |
| County Code: | OR005 | | | | | |
| EPA Handler ID: | ORQ000009084 | | | | | |
| Current Site Name: | PEP BOYS NO 579 | | | | | |
| Generator Status Universe: | | | | | | |
| Land Type: | Other | | | | | |
| Activity Location: | OR | | | | | |
| TSD Activity: | No | | | | | |
| Mixed Waste Generator: | No | | | | | |
| Importer Activity: | No | | | | | |
| Transporter Activity: | No | | | | | |
| Transfer Facility: | No | | | | | |
| Recycler Activity: | No | | | | | |
| Onsite Burner Exemption: | No | | | | | |
| Furnace Exemption: | No | | | | | |
| Underground Inject Activity: | No | | | | | |
| Rece Waste From Off Site: | No | | | | | |
| Used Oil Transporter: | | | | | | |
| Used Oil Transfer Facility: | | | | | | |
| Used Oil Processor: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-----------------------------------|--------------------------|------------------|---|------------------|-------------|-----------|
| <i>Used Oil Refiner:</i> | | | | | | |
| <i>Used Oil Burner:</i> | | | | | | |
| <i>Used Oil Market Burner:</i> | | | | | | |
| <i>Used Oil Spec Marketer:</i> | | | | | | |
| <i>Mailing Address:</i> | | | 3111 W ALLEGHENY AVE, PHILADELPHIA, PA, 19132, US | | | |
| <i>Contact Name:</i> | | | JOHN KERELO | | | |
| <i>Contact Address:</i> | | | 3111 W ALLEGHENY AVE, PHILADELPHIA, PA, 19132, US | | | |
| <i>Contact Email:</i> | | | | | | |
| <i>Location Street 2:</i> | | | | | | |
| -- | | | | | | |
| <i>Owner/Operator Information</i> | | | | | | |
| -- | | | | | | |
| <i>Owner/Operator Indicator:</i> | | | CO | | | |
| <i>Owner/Operator Name:</i> | | | THE PEP BOYS MANNY MOE OF CALIFORNIA | | | |
| <i>Owner/Operator Address:</i> | | | 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132 | | | |
| <i>Owner/Operator Phone:</i> | | | (215) 227-9017 | | | |
| <i>Owner/Operator Type:</i> | | | P | | | |
| <i>Date Became Current:</i> | | | 19980526 | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | | | | | |
| <i>Owner/Operator Indicator:</i> | | | CO | | | |
| <i>Owner/Operator Name:</i> | | | THE PEP BOYS MANNY MOE OF CALIFORNIA | | | |
| <i>Owner/Operator Address:</i> | | | 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132 | | | |
| <i>Owner/Operator Phone:</i> | | | (215) 227-9017 | | | |
| <i>Owner/Operator Type:</i> | | | P | | | |
| <i>Date Became Current:</i> | | | 19990308 | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | | | | | |
| <i>Owner/Operator Indicator:</i> | | | CO | | | |
| <i>Owner/Operator Name:</i> | | | THE PEP BOYS MANNY MOE OF CALIFORNIA | | | |
| <i>Owner/Operator Address:</i> | | | 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132 | | | |
| <i>Owner/Operator Phone:</i> | | | (215) 227-9017 | | | |
| <i>Owner/Operator Type:</i> | | | P | | | |
| <i>Date Became Current:</i> | | | 20010226 | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | | | | | |
| <i>Owner/Operator Indicator:</i> | | | CO | | | |
| <i>Owner/Operator Name:</i> | | | THE PEP BOYS MANNY MOE OF CALIFORNIA | | | |
| <i>Owner/Operator Address:</i> | | | 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132 | | | |
| <i>Owner/Operator Phone:</i> | | | (215) 227-9017 | | | |
| <i>Owner/Operator Type:</i> | | | P | | | |
| <i>Date Became Current:</i> | | | 20000302 | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | | | | | |
| <i>Owner/Operator Indicator:</i> | | | CO | | | |
| <i>Owner/Operator Name:</i> | | | THE PEP BOYS MANNY MOE OF CALIFORNIA | | | |
| <i>Owner/Operator Address:</i> | | | 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132 | | | |
| <i>Owner/Operator Phone:</i> | | | (215) 227-9017 | | | |
| <i>Owner/Operator Type:</i> | | | P | | | |
| <i>Date Became Current:</i> | | | 20001218 | | | |
| <i>Date Ended Current:</i> | | | | | | |
| -- | | | | | | |
| <i>NAICS Information</i> | | | | | | |
| -- | | | | | | |
| <i>Naics Code:</i> | | | 44131 | | | |
| <i>Naics Description:</i> | | | AUTOMOTIVE PARTS AND ACCESSORIES STORES | | | |
| <i>Naics Active Status:</i> | | | Yes | | | |
| <i>Naics Cycle:</i> | | | 2002 | | | |
| -- | | | | | | |
| <i>Naics Code:</i> | | | 811111 | | | |
| <i>Naics Description:</i> | | | GENERAL AUTOMOTIVE REPAIR | | | |
| <i>Naics Active Status:</i> | | | Yes | | | |
| <i>Naics Cycle:</i> | | | 2002 | | | |
| -- | | | | | | |
| <i>Handler Information</i> | | | | | | |
| -- | | | | | | |
| <i>Date Received:</i> | | | 19980526 | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------------------|-------------------|-----------------|------------------|-----------|------|----|
| Facility Name: | | PEP BOYS NO 579 | | | | |
| -- | | -- | | | | |
| Date Received: | | 20010226 | | | | |
| Facility Name: | | PEP BOYS NO 579 | | | | |
| -- | | -- | | | | |
| Date Received: | | 20000302 | | | | |
| Facility Name: | | PEP BOYS NO 579 | | | | |
| -- | | -- | | | | |
| Date Received: | | 20001218 | | | | |
| Facility Name: | | PEP BOYS NO 579 | | | | |
| -- | | -- | | | | |
| Date Received: | | 19990308 | | | | |
| Facility Name: | | PEP BOYS NO 579 | | | | |
| -- | | -- | | | | |
| Hazardous Waste Information | | | | | | |
| -- | | -- | | | | |
| Waste Code: | | NONE | | | | |
| Waste: | | DESCRIPTION | | | | |
| Waste Code Active Status: | | No | | | | |
| BR Waste Code Active Status: | | No | | | | |
| -- | | -- | | | | |

[20](#) 1 of 1 **NNW** 0.18 / 928.64 239.72 **HEATING OIL TANK
3604 SE RISLEY AVE
MILWAUKIE OR 97216** **LUST**

Log NO: 26-04-2395 **Work Compl Dt:** 03/15/2005
Cleanup Rcvd Dt: 12/02/2004 **Region:** NWR
Cleanup Start Dt: 12/03/2004

[21](#) 1 of 1 **NNW** 0.19 / 986.43 247.59 **HEATING OIL TANK
3615 SE RISLEY AVE
MILWAUKIE OR 97267** **LUST**

Log NO: 03-05-0379 **Work Compl Dt:** 06/08/2005
Cleanup Rcvd Dt: 03/01/2005 **Region:** NWR
Cleanup Start Dt: 03/07/2005

[22](#) 1 of 1 **ENE** 0.20 / 1,052.22 300.80 **HEATING OIL TANK
4109 SE CONCORD
MILWAUKIE OR 97267** **LUST**

Log NO: 03-04-1444 **Work Compl Dt:** 03/15/2005
Cleanup Rcvd Dt: 07/21/2004 **Region:** NWR
Cleanup Start Dt: 07/21/2004

[23](#) 1 of 1 **SE** 0.20 / 1,062.38 215.30 **Milwaukie Trolley Trail Project
Various streets in Milwaukie
Milwaukie OR** **ECSI**

Site ID: 5285 **Created on Dt:** 12/30/2009
Investi Status: Suspect **Last Update Dt:** 12/30/2009
Furth Act Priority: 0 **Site Alias Name:**
CERCLIS NO: **Range Coord:** 1.00
NPL?: False **Range Zone:** E
Legis Fund Code: 0 **Section Coord:** 12
Brownfield Desc: 0 **Qtr Sec Coord:**
Study Area Flag: False **Display Order:** 0
Orphan Flag: False **Lat Decimal:** 45.4085
Score Value: **Lat Degrees:** 45
Tax Lots: **Lat Minutes:** 24

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|-------------------|---|------------------|-----------|----------------------|-----------|
| Size: | | | | | Lat Seconds: | 30.60 |
| FACA Identifier: | 113927 | | | | Long Decimal: | -122.6219 |
| County Name: | | | | | Long Degrees: | -122 |
| Region: | Northwest Region | | | | Long Minutes: | 37 |
| Town S Coord: | 2.00 | | | | Long Seconds: | 18.80 |
| Township Zone: | S | | | | | |
| Admin Action Details | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 12/30/2009 | | | | |
| Completion Date: | | 12/30/2009 | | | | |
| Sub Program Code: | | | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | ECLARK | | | | |
| Last Updated: | | 12/30/2009 | | | | |
| Created By: | | ECLARK | | | | |
| Created Date: | | 12/30/2009 | | | | |
| Emp ID: | | 2745 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9484 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL INVESTIGATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 12/30/2009 | | | | |
| Completion Date: | | 01/04/2013 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 10/13/2014 | | | | |
| Created By: | | ECLARK | | | | |
| Created Date: | | 12/30/2009 | | | | |
| Emp ID: | | 664 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9476 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Refer to Program | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 01/04/2013 | | | | |
| Completion Date: | | 01/04/2013 | | | | |
| Sub Program Code: | | SW | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Referred tp Solid Waste program for SW Letter of Authorization. | | | | |
| Last Updated By: | | GWISTAR | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|-------------------|--|------------------|-----------|------|----|
| Last Updated: | | 10/13/2014 | | | | |
| Created By: | | GWISTAR | | | | |
| Created Date: | | 10/13/2014 | | | | |
| Emp ID: | | 664 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1906 | | | | |
| Description: | | Site Location | | | | |
| Comment: | | This project includes several segments and sections:Segment 1: 1S, 1E, Sections 35, 36Segment 2: 1S, 1E, Sections 35, 1Segment 3: 2S, 1E, Sections 1, 2Segment 4: 2S, 1E, Sections 2, 12Segment 5: 2S, 1E, Section 12Segment 6: 2S, 1E, Sections 12,13 | | | | |
| Created By: | | ECLARK | | | | |
| Created Date: | | 12/30/2009 | | | | |
| Last Updated By: | | ECLARK | | | | |
| Last Updated: | | 12/30/2009 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1914 | | | | |
| Description: | | Remedial Action | | | | |
| Comment: | | (Jan 4, 2013, Bob Schwarz) This project was transferred to DEQ's Solid Waste Program, which issued a Solid Waste Letter of Authorization for onsite disposal of 8,000 cubic yards of lightly contaminated soil. This soil would be generated during construction of a 5-mile trail along a former street car line in Gladstone and Milwaukie. The Solid Waste Letter of Authorization and supporting documents are attached. | | | | |
| Created By: | | BSCHWAR | | | | |
| Created Date: | | 01/04/2013 | | | | |
| Last Updated By: | | BSCHWAR | | | | |
| Last Updated: | | 01/04/2013 | | | | |
| -- | | -- | | | | |

| | | | | | | |
|--------------------------|------------|---|--------------------|-----------------------|--|------|
| 24 | 1 of 1 | N | 0.20 / 1,081.46 | 277.12 | HEATING OIL TANK 15106 SE OATFIELD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-01-8286 | | | Work Compl Dt: | 12/26/2002 | |
| Cleanup Rcvd Dt: | 10/24/2001 | | | Region: | NWR | |
| Cleanup Start Dt: | 10/24/2001 | | | | | |

| | | | | | | |
|--------------------------|------------|-----|--------------------|-----------------------|--|------|
| 25 | 1 of 1 | NNW | 0.21 / 1,089.86 | 236.35 | HEATING OIL TANK 15119 SE KRONBERG AVE PORTLAND OR 97267 | LUST |
| Log NO: | 26-01-6745 | | | Work Compl Dt: | 01/31/2002 | |
| Cleanup Rcvd Dt: | 08/16/2001 | | | Region: | NWR | |
| Cleanup Start Dt: | 08/16/2001 | | | | | |

| | | | | | | |
|------------------------------|--------|-----|--------------------|--------|--|-----|
| 26 | 1 of 3 | WNW | 0.22 / 1,166.43 | 200.52 | DICKS COLOR CENTER 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | AST |
| Facility ID: | 009086 | | | | | |
| Reported Chemicals: | Y | | | | | |
| EHS Facility: | N | | | | | |
| Sprinkled: | N | | | | | |
| CAA 112R Facility: | NO | | | | | |
| PSM Facility: | NO | | | | | |
| TRI Facility: | N | | | | | |
| TRI FID: | | | | | | |
| RCRA ID: | | | | | | |
| RMP Facility ID: | | | | | | |
| EHS Coord First Name: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|------------------|---------------------------|------------------|-------------|-----------|
| EHS Coord Last Name: | | | | | | |
| EHS Coord Email: | | | | | | |
| Location address: | | | 15340 SE MCLOUGHLIN BLVD | | | |
| Date Completed: | | | 8/31/2015 | | | |
| Owner First Name: | | | LOUIS | | | |
| Owner Last Name: | | | BOSS | | | |
| Owner Operator Email: | | | LBOSSINC@YAHOO.COM | | | |
| Phone Business: | | | 5036541600 | | | |
| Mail Address: | | | PO BOX 68259 | | | |
| Mail City: | | | MILWAUKIE | | | |
| Mail State: | | | OR | | | |
| Mail Zip: | | | 97268 | | | |
| Max Occupants: | | | 8 | | | |
| Emerg Contact First Name: | | | LOUIS | | | |
| Emerg Contact Last Name: | | | BOSS | | | |
| Phone Day: | | | 5037308049 | | | |
| Phone Day Ext: | | | | | | |
| Flag Status: | | | 1 | | | |
| Rec Date: | | | 9/4/2015 | | | |
| FDID: | | | 0057 | | | |
| Fire Dept: | | | CLACKAMAS CO FIRE DIST #1 | | | |
| Dunbrad: | | | | | | |
| Dept Div: | | | | | | |
| Emerg Proc: | | | | | | |
| Placard: | | | N | | | |
| Site Plan: | | | N | | | |
| Business Type: | | | RETAIL PAINT STORE | | | |
| Mail Date: | | | 7/1/2016 | | | |
| Short Memo: | | | | | | |
| Site No: | | | 01 | | | |
| Voluntary: | | | | | | |
| Email Address: | | | LBOSSINC@YAHOO.COM | | | |
| Placard Other: | | | N | | | |
| Attn Of: | | | LOU BOSS | | | |
| Completing F Name: | | | LOU | | | |
| Completing L Name: | | | BOSS | | | |
| Completing Phone: | | | 5036541600 | | | |
| Completing Phone Ext: | | | | | | |
| Latitude: | | | 45.411584634 | | | |
| Longitude: | | | -122.62815389 | | | |
| Occupied: | | | TRUE | | | |
| Unoccupied: | | | FALSE | | | |
| NAICS 1: | | | 444120 | | | |
| NAICS Desc 1: | | | PAINT & WALLPAPER STORES | | | |
| NAICS 2: | | | 000000 | | | |
| NAICS Desc 2: | | | | | | |
| Chem Count: | | | 1 | | | |
| HM Team: | | | HM03 | | | |
| Fac Date Stamp: | | | | | | |
| Fac Name Stamp: | | | | | | |
| De Date 1: | | | | | | |
| De Date 2: | | | | | | |
| Info Update: | | | | | | |
| Comments: | | | | | | |
| Deinit 1: | | | VS | | | |
| --- | | | --- | | | |
| Facility Chemicals Information | | | | | | |
| --- | | | | | | |
| Facility Chem ID: | | | 009086-21293 | | | |
| Chemical ID: | | | 21293 | | | |
| Chemical Name: | | | PAINT WATER BASED | | | |
| --- | | | | | | |
| Detailed Chemicals Information | | | | | | |
| --- | | | | | | |
| Haz Ingredient: | | | ETHYLENE GLYCOL | | | |
| UNNA Number: | | | | | | |
| CAS Number: | | | 107211 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|------------------------------|--------------------------|------------------|----------------------------------|------------------|-------------|-----------|
| <i>Synonym 1:</i> | | | | | | |
| <i>Synonym 2:</i> | | | | | | |
| <i>Synonym 3:</i> | | | | | | |
| <i>Synonym 4:</i> | | | | | | |
| <i>Synonym 5:</i> | | | | | | |
| <i>Synonym 6:</i> | | | | | | |
| <i>Synonym 7:</i> | | | | | | |
| <i>Synonym 8:</i> | | | | | | |
| <i>NFPA Health:</i> | | | | | | |
| <i>NFPA Flammability:</i> | | | | | | |
| <i>NFPA Reactivity:</i> | | | | | | |
| <i>NFPA SpecialNotice:</i> | | | | | | |
| <i>Appearance Odor:</i> | | | | | | |
| <i>Haz Class 1:</i> | | | 9.0 | | | |
| <i>Haz Class Desc 1:</i> | | | Miscellaneous Hazardous Material | | | |
| <i>Haz Class 2:</i> | | | | | | |
| <i>Haz Class Desc 2:</i> | | | | | | |
| <i>Haz Class 3:</i> | | | | | | |
| <i>Haz Class Desc 3:</i> | | | | | | |
| <i>Hazard Rank:</i> | | | 1 | | | |
| <i>EHS Chem:</i> | | | | | | |
| <i>Toxic 313 Chemical:</i> | | | | | | |
| <i>PSM Chem:</i> | | | | | | |
| <i>CAA 112R Chem:</i> | | | | | | |
| <i>Pesticide:</i> | | | | | | |
| <i>EPA Pest Reg:</i> | | | | | | |
| <i>Contains 112r:</i> | | | | | | |
| <i>Contains EHS:</i> | | | | | | |
| <i>Contains 313 Chem:</i> | | | | | | |
| <i>Contains PSM:</i> | | | | | | |
| <i>MSDS PDF:</i> | | | PAINT_WATER_BASED.PDF | | | |
| <i>MSDS Name:</i> | | | | | | |
| <i>Chem Added Date:</i> | | | 12/31/1999 | | | |
| <i>Fertilizer:</i> | | | | | | |
| <i>MSDS Date:</i> | | | | | | |
| <i>MSDS Processed:</i> | | | | | | |
| <i>MSDS Vol:</i> | | | 1 | | | |
| <i>Plan Priority:</i> | | | 15 | | | |
| <i>Info Update Date:</i> | | | 7/1/2008 | | | |
| <i>EHS Ingredient:</i> | | | | | | |
| <i>EHS CAS:</i> | | | | | | |
| <i>---</i> | | | <i>---</i> | | | |
| <i>Hazardous Ingredient:</i> | | | ETHYLENE GLYCOL | | | |
| <i>Phys State:</i> | | | 2 | | | |
| <i>Phys Desc:</i> | | | LIQUID | | | |
| <i>Avg Code:</i> | | | 20 | | | |
| <i>Avg Amt:</i> | | | 1,000-4,999 | | | |
| <i>Max Code:</i> | | | 20 | | | |
| <i>Max Amt:</i> | | | 1,000-4,999 | | | |
| <i>Unit Measure:</i> | | | 2 | | | |
| <i>Unit Desc:</i> | | | GALLONS | | | |
| <i>Storage 1:</i> | | | F | | | |
| <i>Storage Type 1:</i> | | | CAN | | | |
| <i>Storage 2:</i> | | | | | | |
| <i>Storage Type 2:</i> | | | | | | |
| <i>Pressure 1:</i> | | | 1 | | | |
| <i>Pressure Type 1:</i> | | | NORMAL PRESSURE | | | |
| <i>Pressure 2:</i> | | | | | | |
| <i>Pressure Type 2:</i> | | | | | | |
| <i>Temp 1:</i> | | | 4 | | | |
| <i>Temp Type 1:</i> | | | NORMAL TEMPERATURE | | | |
| <i>Temp 2:</i> | | | | | | |
| <i>Temp Type 2:</i> | | | | | | |
| <i>Haz Class 1:</i> | | | 9.0 | | | |
| <i>Haz Class 1 Desc:</i> | | | Miscellaneous Hazardous Material | | | |
| <i>Haz Class 2:</i> | | | | | | |
| <i>Haz Class 2 Desc:</i> | | | | | | |
| <i>Haz Class 3:</i> | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|----------------------------|-------------------|-----------------------|--------------------|-----------|--|---------------------|
| Haz Class 3 Desc: | | | | | | |
| Days On Site: | | 365 | | | | |
| Trade Secret: | | FALSE | | | | |
| Subst Pure: | | FALSE | | | | |
| Subst Mix: | | TRUE | | | | |
| Contains EHS: | | FALSE | | | | |
| Meets TPQ: | | FALSE | | | | |
| Amt In: | | 20 | | | | |
| Amt In Desc: | | 1,000-4,999 | | | | |
| Amt Out: | | 20 | | | | |
| Amt Out Desc: | | 1,000-4,999 | | | | |
| CAA112r: | | FALSE | | | | |
| Rptg PSM: | | FALSE | | | | |
| Toxic 313 Chemical: | | | | | | |
| PSM Chem: | | | | | | |
| CAA112R Chem: | | | | | | |
| EPA Pest Reg: | | | | | | |
| Contains 112r: | | | | | | |
| Contains EHS: | | | | | | |
| Contains 313: | | | | | | |
| Contains PSM: | | | | | | |
| MSDS PDF: | | PAINT_WATER_BASED.PDF | | | | |
| MSDS Name: | | | | | | |
| Fertilizer: | | | | | | |
| MSDS Vol: | | 1 | | | | |
| Plan Priority: | | 15 | | | | |
| UNNA Number: | | | | | | |
| CAS Number: | | 107211 | | | | |
| Hazard Rank: | | 1 | | | | |
| EHS Ingredient: | | | | | | |
| EHS CAS: | | | | | | |
| -- | | | | | | |
| 26 | 2 of 3 | WNW | 0.22 / 1,166.43 | 200.52 | FIRESTONE STORE 3558/021954 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | LUST |
| Log NO: | | 03-90-0254 | | | Work Compl Dt: | 09/24/1990 |
| Cleanup Rcvd Dt: | | 07/17/1990 | | | Region: | NWR |
| Cleanup Start Dt: | | 07/13/1990 | | | | |
| 26 | 3 of 3 | WNW | 0.22 / 1,166.43 | 200.52 | FIRESTONE #3556 - 021954 15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | UST |
| ID: | | 7839 | | | Facility Status: | |
| All Tank No: | | 1 | | | Operating Cert No: | |
| Active Tank No: | | | | | Source File: | FacilitiesList.xlsx |
| Decomm Tank No: | | 1 | | | Phone: | (503)659-6606 |
| Permit Tank No: | | | | | Permittee: | JEFF WICAL, MANAGER |
| 27 | 1 of 2 | S | 0.23 / 1,231.32 | 165.63 | PRACTICAL RENT-A-CAR 16001 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | LUST |
| Log NO: | | 03-90-0149 | | | Work Compl Dt: | 11/23/1990 |
| Cleanup Rcvd Dt: | | 04/25/1990 | | | Region: | NWR |
| Cleanup Start Dt: | | 04/25/1990 | | | | |
| 27 | 2 of 2 | S | 0.23 / 1,231.32 | 165.63 | PRACTICAL USED CAR RENTAL 16001 SE MCLOUGHLIN | UST |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------|-------------------|-----------|------------------|-----------|---|---------------------|
| MILWAUKIE OR 97267 | | | | | | |
| ID: | 10342 | | | | Facility Status: | |
| All Tank No: | 1 | | | | Operating Cert No: | |
| Active Tank No: | | | | | Source File: | FacilitiesList.xlsx |
| Decomm Tank No: | 1 | | | | Phone: | (503) 659-5114 |
| Permit Tank No: | | | | | Permittee: | ROBERT FRIESEN |
| 28 | 1 of 1 | WSW | 0.23 / 1,237.38 | 175.87 | HEATING OIL TANK 15720 SE ORVILLE AVE MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-02-5445 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 03/18/2002 | | | | Region: | NWR |
| Cleanup Start Dt: | 03/18/2002 | | | | | |
| 29 | 1 of 1 | NNE | 0.24 / 1,242.26 | 294.47 | HEATING OIL TANK 15130 SE Diamond Ln MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-15-0350 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 03/18/2015 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 30 | 1 of 1 | ENE | 0.24 / 1,266.73 | 310.91 | HEATING OIL TANK 4141 SE Concord Rd PORTLAND OR 97267 | LUST |
| Log NO: | 26-07-0406 | | | | Work Compl Dt: | 08/14/2007 |
| Cleanup Rcvd Dt: | 03/28/2007 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 31 | 1 of 1 | E | 0.25 / 1,335.39 | 303.98 | HEATING OIL TANK 15433 SE FRANCIS AVE MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-04-1176 | | | | Work Compl Dt: | 10/14/2004 |
| Cleanup Rcvd Dt: | 06/18/2004 | | | | Region: | NWR |
| Cleanup Start Dt: | 06/21/2004 | | | | | |
| 32 | 1 of 1 | NE | 0.26 / 1,379.74 | 313.68 | HEATING OIL TANK 4025 SE VIEW ACRES RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-06-0580 | | | | Work Compl Dt: | 09/05/2006 |
| Cleanup Rcvd Dt: | 04/05/2006 | | | | Region: | NWR |
| Cleanup Start Dt: | 04/06/2006 | | | | | |
| 33 | 1 of 1 | ESE | 0.27 / 1,408.28 | 287.29 | HEATING OIL TANK 15650 SE Oatfield Rd MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-12-0314 | | | | Work Compl Dt: | 01/23/2013 |
| Cleanup Rcvd Dt: | 03/29/2012 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------|-------------------|-----------|--------------------|-----------|---|------------|
| 34 | 1 of 1 | ENE | 0.27 / 1,433.38 | 320.32 | HEATING OIL TANK 4205 SE Concord Rd MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-08-0535 | | | | Work Compl Dt: | 06/24/2008 |
| Cleanup Rcvd Dt: | 05/13/2008 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 35 | 1 of 1 | NNW | 0.27 / 1,446.06 | 238.00 | HEATING OIL TANK 15014 SE KRONBERG MILWAUKIE OR 97222 | LUST |
| Log NO: | 03-01-5550 | | | | Work Compl Dt: | 10/31/2001 |
| Cleanup Rcvd Dt: | 03/28/2001 | | | | Region: | NWR |
| Cleanup Start Dt: | 03/20/2001 | | | | | |
| 36 | 1 of 1 | SE | 0.28 / 1,465.89 | 211.76 | HEATING OIL TANK 15923 SE HAROLD AVE PORTLAND OR 97267 | LUST |
| Log NO: | 03-07-0710 | | | | Work Compl Dt: | 10/29/2007 |
| Cleanup Rcvd Dt: | 05/22/2007 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 37 | 1 of 1 | SW | 0.28 / 1,487.17 | 158.86 | HEATING OIL TANK 3306 SE CONCORD ROAD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-03-1440 | | | | Work Compl Dt: | 09/22/2003 |
| Cleanup Rcvd Dt: | 07/18/2003 | | | | Region: | NWR |
| Cleanup Start Dt: | 07/18/2003 | | | | | |
| 38 | 1 of 1 | NNE | 0.29 / 1,526.52 | 297.82 | HEATING OIL TANK 3908 SE Risley Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-13-1083 | | | | Work Compl Dt: | 01/29/2014 |
| Cleanup Rcvd Dt: | 08/13/2013 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 39 | 1 of 1 | E | 0.29 / 1,535.05 | 303.77 | HEATING OIL TANK 15506 SE FRANCIS AVENUE MILWAUKIE OR 97256 | LUST |
| Log NO: | 03-03-2286 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 10/28/2003 | | | | Region: | NWR |
| Cleanup Start Dt: | 10/29/2003 | | | | | |
| 40 | 1 of 1 | SW | 0.30 / 1,583.08 | 154.96 | HEATING OIL TANK 3314 SE CONCORD ST MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-05-2350 | | | | Work Compl Dt: | 05/16/2006 |
| Cleanup Rcvd Dt: | 11/01/2005 | | | | Region: | NWR |
| Cleanup Start Dt: | 11/04/2005 | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------|-------------------|-----------|--------------------|-----------|---|------------|
| 41 | 1 of 1 | E | 0.30 / 1,597.91 | 306.21 | HEATING OIL TANK 15523 SE FRANCIS AVE MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-06-1847 | | | | Work Compl Dt: | 12/11/2006 |
| Cleanup Rcvd Dt: | 10/16/2006 | | | | Region: | NWR |
| Cleanup Start Dt: | 10/17/2006 | | | | | |
| 42 | 1 of 1 | E | 0.31 / 1,612.85 | 307.13 | HEATING OIL TANK 15520 SE FRANCIS MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-05-0357 | | | | Work Compl Dt: | 09/29/2005 |
| Cleanup Rcvd Dt: | 02/28/2005 | | | | Region: | NWR |
| Cleanup Start Dt: | 02/18/2005 | | | | | |
| 43 | 1 of 1 | SE | 0.31 / 1,614.61 | 207.83 | HEATING OIL TANK 16011 SE HAROLD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-97-0509 | | | | Work Compl Dt: | 02/19/1998 |
| Cleanup Rcvd Dt: | 07/09/1997 | | | | Region: | NWR |
| Cleanup Start Dt: | 06/18/1997 | | | | | |
| 44 | 1 of 1 | ENE | 0.31 / 1,615.75 | 333.24 | HEATING OIL TANK 4221 SE CONCORD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-05-0748 | | | | Work Compl Dt: | 07/11/2005 |
| Cleanup Rcvd Dt: | 04/12/2005 | | | | Region: | NWR |
| Cleanup Start Dt: | 04/08/2005 | | | | | |
| 45 | 1 of 1 | N | 0.31 / 1,617.89 | 257.26 | HEATING OIL TANK 14821 SE OATFIELD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-01-6152 | | | | Work Compl Dt: | 08/07/2001 |
| Cleanup Rcvd Dt: | 06/09/2001 | | | | Region: | NWR |
| Cleanup Start Dt: | 06/07/2001 | | | | | |
| 46 | 1 of 1 | ESE | 0.31 / 1,618.11 | 288.53 | HEATING OIL TANK 15714 SE OATFIELD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-00-6363 | | | | Work Compl Dt: | 01/23/2001 |
| Cleanup Rcvd Dt: | 11/15/2000 | | | | Region: | NWR |
| Cleanup Start Dt: | 11/13/2000 | | | | | |
| 47 | 1 of 2 | WNW | 0.31 / 1,643.94 | 209.19 | Valet Cleaners 15020 SE McLoughlin Blvd. Oak Grove OR 97267 | CRL |
| Site ID: | 1156 | | | | Latitude: | 45.4144 |
| Legis Fund Cd: | 831 | | | | Longitude: | -122.6305 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|------------------------------------|-------------------|-----------------------------|------------------|-----------|-----------------------|-----------|
| Display Order: | 0 | | | | Lat Decimal: | 45.4144 |
| FACA Identifier: | 1897 | | | | Lat Degrees: | 45 |
| Study Area Flag: | False | | | | Lat Minutes: | 24 |
| Score Value: | | | | | Lat Seconds: | 52.00 |
| CERCLIS No: | | | | | Long Decimal: | -122.6305 |
| Tax Lots: | | | | | Long Degrees: | -122 |
| Size: | | | | | Long Minutes: | 37 |
| NPL?: | False | | | | Long Seconds: | 50.00 |
| Orphan?: | False | | | | Geoloc ID: | 1897 |
| Last Upd by Init: | GWISTAR | | | | County Code: | 3.00 |
| Last Update Dt: | 07/14/2014 | | | | County Name: | Clackamas |
| Created by Init: | CONV | | | | Town S Coord: | 2.00 |
| Created on Dt: | 12/18/1991 | | | | Township Zone: | S |
| Region Code ID: | 2 | | | | Range Coord: | 1.00 |
| Region Code: | NWR | | | | Range Zone: | E |
| Region: | Northwest Region | | | | Section Coord: | 12 |
| Brwnfld Cd ID: | 0 | | | | Qtr Sec Coord: | |
| Brownfield Cd: | 0 | | | | Brownfield: | 0 |
| Invest Status Code ID: | | 207 | | | | |
| Invest Status Code: | | LIS | | | | |
| Investi Status: | | Listed on the CRL/Inventory | | | | |
| Furth Act Priority Code ID: | | 0 | | | | |
| Furth Act Priority Code: | | 0 | | | | |
| Furth Act Priority: | | 0 | | | | |
| Status Code: | | LIS | | | | |
| Status: | | SITE INVESTIGATION | | | | |
| --Details-- | | | | | | |
| Alias name: | | Plaza 99 Shopping Center | | | | |
| Operation Details | | | | | | |
| Operation ID: | | 132463 | | | | |
| Operation Status: | | Active | | | | |
| Common Name: | | Valet Cleaners | | | | |
| Years of Operation: | | approx. 1967 to present | | | | |
| Operation Comment: | | dry cleaners | | | | |
| Process: | | | | | | |
| Process Comments: | | | | | | |
| SIC Codes: | | 7216 | | | | |
| Hazard Release | | | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRI-CLENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| Sampling Result | | | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| Medium: | | Groundwater | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------------|------------------|-------------|-----------|
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | 27 ft bgs | | | |
| Start Date: | | | 07/27/1993 | | | |
| End Date: | | | 07/27/1993 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | 47.00 | | | |
| Comment: | | | up to 47 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | Sediment | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 07/27/1993 | | | |
| End Date: | | | 07/27/1993 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 19 ppm | | | |
| -- | | | -- | | | |
| Release Comments | | | | | | |
| -- | | | -- | | | |
| Release Comment: | | | Media Contamination Footnote | | | |
| Comment: | | | Sediment sample from cistern. | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121781 | | | |
| Name: | | | TRICHLOROETHYLENE | | | |
| Alias Name: | | | TCE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 01/09/1992 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | 25 ft bgs | | | |
| Start Date: | | | 07/10/1992 | | | |
| End Date: | | | 07/10/1992 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | 28.00 | | | |
| Comment: | | | up to 28 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | 27 ft bgs | | | |
| Start Date: | | | 07/27/1993 | | | |
| End Date: | | | 07/27/1993 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | 47.00 | | | |
| Comment: | | | up to 47 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | Sediment | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHINYL TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRICHLOROETHENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | TETRACHLOROETHYLENE,1,1,2,2- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | TETRACHLOROETHENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | PERCLENLE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------------|------------------|-------------|-----------|
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | PERCHLOROETHYLENE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 01/09/1992 | | | |
| Last Updated By: | | | -- | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | 25 ft bgs | | | |
| Start Date: | | | 07/10/1992 | | | |
| End Date: | | | 07/10/1992 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | 620.00 | | | |
| Comment: | | | up to 620 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | 27 ft bgs | | | |
| Start Date: | | | 07/27/1993 | | | |
| End Date: | | | 07/27/1993 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | 160.00 | | | |
| Comment: | | | up to 160 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | Sediment | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 07/27/1993 | | | |
| End Date: | | | 07/27/1993 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 91 ppm | | | |
| -- | | | -- | | | |
| Release Comments | | | | | | |
| -- | | | -- | | | |
| Release Comment: | | | Media Contamination Footnote | | | |
| Comment: | | | Sediment sample from cistern. | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | ETHYLENE TETRACHLORIDE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 01/09/1992 | | | |
| Last Updated By: | | | -- | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | ETHENE,TETRACHLORO- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | TETRACHLOROETHENE,1,1,2,2- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Admin Action Details | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9438 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility placed on Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 05/08/1996 | | | | |
| Completion Date: | | 05/08/1996 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 649 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9465 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 10/04/1995 | | | | |
| Completion Date: | | 10/04/1995 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | ars | | | | |
| Last Updated: | | 10/04/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9465 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 02/28/1996 | | | | |
| Completion Date: | | 02/28/1996 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/27/1996 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 767 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9510 | | | | |
| Action Category: | | RA | | | | |
| Action: | | State Expanded Preliminary Assessment recommended (XPA) | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 258 | | | | |
| Start Date: | | 09/02/1992 | | | | |
| Completion Date: | | 09/02/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Determine groundwater flow direction and velocity. | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 228 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | Medium | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 12/18/1991 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/27/1996 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 382 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9426 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE PRIORITY EVALUATION FOR FURTHER ACTION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 08/29/1993 | | | | |
| Completion Date: | | 08/29/1993 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 01/18/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9459 | | | | |
| Action Category: | | RA | | | | |
| Action: | | PRELIMINARY ASSESSMENT EQUIVALENT | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 09/01/1992 | | | | |
| Completion Date: | | 09/01/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Phase I and II Environmental Site Assessments. | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 228 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| Action Code: | | 9425 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE EVALUATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 02/26/1992 | | | | |
| Completion Date: | | 02/26/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/27/1996 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 649 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9497 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Preliminary Assessment Equivalent recommended (PAE) | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 02/26/1992 | | | | |
| Completion Date: | | 02/26/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 02/07/1995 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 649 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| --- | | | | | | |
| Action Code: | | 9498 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Proposal for Confirmed Release List recommended | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 08/31/1993 | | | | |
| Completion Date: | | 08/31/1993 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 01/18/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| --- | | | | | | |
| Action Code: | | 9437 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing Review completed | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 08/30/1993 | | | | |
| Completion Date: | | 08/30/1993 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 01/18/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| --- | | | | | | |
| Action Code: | | 9519 | | | | |
| Action Category: | | RA | | | | |
| Action: | | VCS Waiting List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 04/27/2005 | | | | |
| Completion Date: | | 11/01/2005 | | | | |
| Sub Program Code: | | VCP | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | ITP received 4/27/05; Complaint from off-site owner about off-site contamination - litigation? Dry Cleaner Program reassessing eligibility; Site not eligible for ICP. | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 11/01/2005 | | | | |
| Created By: | | GWISTAR | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Created Date: | | 08/15/2005 | | | | |
| Emp ID: | | 2081 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9511 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE INVESTIGATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 11/01/2005 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | DC | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Work is being conducted by DEQ using Dry Cleaner Program funding. | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 08/23/2016 | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 11/01/2005 | | | | |
| Emp ID: | | 2030 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | <p>MTP 3/12/12 Numerous field investigations have been conducted at the site. Perchloroethene (PCE) and related breakdown products, including trichloroethene (TCE), were first detected at the site in 1989. The existing monitoring well network consists of four on-site and three off-site wells. Monitoring wells installed on the Plaza 99 Strip Center, where the Valet Cleaners site is located, showed up to 374 ppb PCE during sampling in 1989. This work was done as part of a Phase II Environmental Assessment of the shopping center property. Among the three wells, PCE detections in groundwater were highest in the well adjacent to Valet Cleaners. The maximum PCE detection in groundwater has been 716 ppb in MW-2, and concentrations have fluctuated but not decreased significantly since monitoring was initiated in 1992. Samples of standing water collected in May 2010 from the basement sumps contained PCE at concentrations of 117 ug/L and 94 ug/L, respectively, with lower concentrations of TCE and cis-DCE. Calculations based on Henry's Law indicate that these PCE levels are capable of producing vapor concentrations at the groundwater/air interface in excess of DEQ RBCs for indoor air. Soil: No contamination has been detected in soil beneath or around the building. Moderately high levels of PCE (maximum of 91 mg/kg) and TCE (maximum of 12 mg/kg) were detected in drywell sediments prior to removal. Soil Gas: Four sub-slab vapor samples were collected from beneath the drycleaner space in November 2006. PCE was detected at concentrations ranging from 4,700 ug/m3 to 110,000 ug/m3, while TCE levels generally were an order of magnitude lower. Sub-slab soil gas samples collected by DEQ in 2010 showed substantially higher concentrations of up to 240,000 ug/m3 PCE and 18,000 ug/m3 TCE (Table 2). These soil gas concentrations exceed DEQ risk-based concentrations (RBCs) for soil gas under an occupational exposure scenario by a factor of more than 100 and are considered hotspots. The sample with the highest concentration was collected beneath the floor of the adjacent tenant space south of the dry cleaner. Ambient Air: DEQ collected one ambient air sample from the basement, two spaces south of the dry cleaner. PCE and TCE concentrations were greater than 10 times their respective RBCs for indoor air. The hole in the floor at each soil gas sampling point was fitted with a removable plug to allow access for subsequent sampling and/or vapor probe installation. Based on soil gas distribution and groundwater monitoring, a former drywell previously located near the northern corner of the building, in addition to solvent disposal in sanitary sewer by a former operator, appear to be a source areas at the site. The relatively larger contribution appears to be related to the sanitary sewer. Sampling of water and sediment in the drywell detected significant levels of PCE and TCE. The water and sediment were removed and the drywell was decommissioned in 2007. During abandonment of the dry well 100 pounds of Adventus EHC-A was mixed with 900 pounds of sand and placed in the dry well to stimulate reductive dechlorination of residual chlorinated hydrocarbon contamination. To address elevated contaminatn concentrations in soil gas and indoor air, DEQ completed vapor mitigation actions in 2010 and 2011 that included:- Installation of sub-slab vapor collection pits and associated system components (piping and fan), which resulted in a relatively low pressure condition beneath the floor slab in the area of the highest sub-slab vapor concentrations.- Modification of the existing HVAC systems, which resulted in positive differential pressure inside the bike shop and auto parts shop. The Valet Cleaners space is vented with three fans and does not have an HVAC unit. - Sealing of the basement sumps and wall seeps to reduce volatilization into the basement airspace, and connection of the sealed air spaces to the vapor collection system (using a historical ventilation duct as a conduit) to further reduce the potential for vapor migration into the basement. Initial post IRAM</p> | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------|-------------------|-----------|------------------|-----------|---|----|
| | | | | | <p>sampling in October 2010 showed concentrations of PCE in soil gas and indoor air increased substantially despite installation of the vapor controls. PCE was detected above its soil gas hotspot concentration in in the bike shop, and above RBCs in most other samples. PCE was elevated above RBCs in all indoor air samples. The concentration increase is likely attributable to high water table conditions, although groundwater concentrations are below generic RBCs for vapor intrusion into buildings. The elevated results likely are due to the water table rising and concentrating high soil gas levels closer to the building floor and reducing the distance for migration into building spaces. Subsequent soil gas and ambient air sampling in October 2011 has shown a decrease in soil gas concentrations by a factor of 10, with the exception of an increase of contaminant levels in vapor collected beneath the dry cleaner space. Generally drier conditions were observed during the 2011 sampling compared to 2010, and is thought to be the reason for the lower concentrations observed. Operation of the vapor collection system also likely reduced source area concentrations. Outside air sampling was conducted in the site area to assess the potential contribution of off-site sources. Elevated levels of PCE and TCE were detected in one or more samples. The distance and prevailing wind direction at the time of sampling suggest that the contamination did not originate at the site, and this will be an important consideration for compliance monitoring at the site. In February 2011 the risk-based concentrations for PCE increased by a factor of 20. Thus the risk from PCE in indoor air also decreased to within acceptable levels. DEQ is continuing monitoring to ensure conditions remain protective.</p> | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: MPUGH Last Updated: 03/12/2012 -- Narrative -- Narrative Code: 1901 Description: Data Sources Comment: 1) July 1989 Sweet-Edwards/EMCON ***Environmental Audit*** 2) November 1989 Sweet-Edwards/EMCON ***Phase II ESA***.3) August 1992 PSI ***Addendum to the Phase II Prelim. Assess***.4) August 1993 PSI ***Phase II ESA***.5) August 15, 2001 letter report from PBS Environmental conveying results of a Phase II assessment at the Oak Grove Center.6) May 2002 Clackamas County Circuit Court Complaint (Case No. CCV0205638).Ash Creek, 2011a. Supplemental Site Investigation Work Plan - Valet Cleaners, Milwaukie, Oregon.August 23, 2011.Ash Creek, 2011b. Interim Remedial Action Measure Implementation - Valet Cleaners, Milwaukie, Oregon.June 14, 2011.Ash Creek, 2011c. Interim Action Technology Screening - Valet Cleaners, Milwaukie, Oregon. February 7,2011.Oregon Department of Environmental Quality (DEQ), 2003. Risk-Based Decision Making for theRemediation of Petroleum-Contaminated Sites. September 22, 2003 (RBC Spreadsheet updatedFebruary 2012).</p> | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: MPUGH Last Updated: 03/12/2012 -- Narrative -- Narrative Code: 1902 Description: General Site Description Comment: Valet Cleaners operates in the northernmost space of the Plaza 99 commercial building (Figure 2). The building appears to be typical slab-on-grade construction, with the exception of a basement located beneath a portion of the auto parts store. Two open sumps in the basement area were observed to contain water during the March 2010 soil gas sampling event, and were sampled. Standing water was approximately 1½ feet below the basement floor. Sump #1 is in the back left corner of the basement (when facing the building from McLoughlin Boulevard) and Sump #2 is along the left wall about a third of the way from the front. At the time of sampling water was actively leaking from a crack in the wall and into Sump #1. Both sumps have pumps installed, and piping from both sumps connect to an 8" diameter cast iron pipe near the ceiling (i.e., ground level) at the front of the building. This is probably the original sewer pipe. Another sewer pipe exits the basement in the floor along at the middle of the right wall. This is newer construction evidenced by black PVC construction, and may have been installed when the building was expanded. The precise configuration of the sanitary sewer is unknown.</p> | |
| | | | | | <p>Created By: MPUGH Created Date: 03/12/2012 Last Updated By: MPUGH Last Updated: 03/12/2012 -- Narrative -- Narrative Code: 1903 Description: Hazardous Substance/Waste Types Comment: Perchloroethylene (PCE) and associated degradation products, such as trichloroethylene (TCE) and cis-1,2-dichloroethylene (cis-1,2-DCE).</p> | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: GWISTAR</p> | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Last Updated: | | 12/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1906 | | | | |
| Description: | | Site Location | | | | |
| Comment: | | Located within the Plaza 99 Shopping Center. Shopping Center address is 15100 SE McLoughlin Blvd. Across McLoughlin Blvd. to the southwest is the Oak Grove Center, where chlorinated solvent contamination has been detected in shallow groundwater. | | | | |
| Created By: | | KDANA | | | | |
| Created Date: | | 05/22/2003 | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 12/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1907 | | | | |
| Description: | | Manner of Release | | | | |
| Comment: | | Manner of release unknown but suspected to be due to past practices, possibly involving a cistern on adjacent property. Time of release unknown. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1909 | | | | |
| Description: | | Site Ownership | | | | |
| Comment: | | Valet Cleaners is owned and operated by Lee Sang. John & Jacqueline Skourtes purchased the Plaza 99 Shopping Center from BenjFran Development Inc. in January 1994. Plaza 99 is operated by the Ionian Corporation. The adjacent property with the cistern is owned by L&J Properties of Oregon. | | | | |
| Created By: | | KDANA | | | | |
| Created Date: | | 05/22/2003 | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1911 | | | | |
| Description: | | Pathways & Other Hazards | | | | |
| Comment: | | The site is located in the unincorporated community of Oak Grove. The surrounding area is primarily commercial, with some residential. Shallow groundwater is about 25 feet below the surface. Soil generally grades from clay to silt to sand, underlain by basalt. The Willamette River is just over a mile to the southwest, and shallow groundwater flows towards the southwest. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1914 | | | | |
| Description: | | Remedial Action | | | | |
| Comment: | | (5/22/2003 KPD) In August 2001, shallow groundwater contamination similar to that at Valet Cleaners (PCE and associated degradation products) was discovered at the edge of the Oak Grove Market Place, a strip mall located across McLoughlin Blvd. downgradient from Valet. In May 2002, the owners of the Market Place filed a complaint in Clackamas County Circuit Court against the owners and operators of Valet Cleaners, the Plaza 99 Shopping Center, and the lot where the cistern is located. The complaint alleged that the defendants were negligent in not cleaning up the PCE contamination before it migrated to plaintiffs' property. Although Valet applied to DEQ's Dry Cleaner Program in December 2002, DEQ has decided not to make a decision on whether or not to accept Valet into the program until the complaint has been settled. MTPugh 3/12/12 To address elevated contaminant concentrations in soil gas and indoor air, DEQ completed vapor mitigation actions in 2010 and 2011 that included: - Installation of sub-slab vapor collection pits and associated system components (piping and fan), which resulted in a relatively low pressure condition beneath the floor slab in the area of the highest sub-slab vapor concentrations. - Modification of the existing HVAC systems, which resulted in positive differential pressure inside the bike shop and auto parts shop. The Valet Cleaners space is vented with three fans and does not have an HVAC unit. - Sealing of the basement sumps and wall seeps to reduce volatilization into the basement airspace, and connection of the sealed air spaces to the vapor collection system (using a historical ventilation duct as a conduit) to further reduce | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------|-------------------|-----------|------------------|-----------|---|----|
| | | | | | <p>the potential for vapor migration into the basement. Initial post IRAM sampling in October 2010 showed concentrations of PCE in soil gas and indoor air increased substantially despite installation of the vapor controls. PCE was detected above its soil gas hotspot concentration in the bike shop, and above RBCs in most other samples. PCE was elevated above RBCs in all indoor air samples. The concentration increase is likely attributable to high water table conditions, although groundwater concentrations are below generic RBCs for vapor intrusion into buildings. The elevated results likely are due to the water table rising and concentrating high soil gas levels closer to the building floor and reducing the distance for migration into building spaces. Subsequent soil gas and ambient air sampling in October 2011 has shown a decrease in soil gas concentrations by a factor of 10, with the exception of an increase of contaminant levels in vapor collected beneath the dry cleaner space. Generally drier conditions were observed during the 2011 sampling compared to 2010, and is thought to be the reason for the lower concentrations observed. Operation of the vapor collection system also likely reduced source area concentrations. Outside air sampling was conducted in the site area to assess the potential contribution of off-site sources. Elevated levels of PCE and TCE were detected in one or more samples. The distance and prevailing wind direction at the time of sampling suggest that the contamination did not originate at the site, and this will be an important consideration for compliance monitoring at the site. In February 2011 the risk-based concentrations for PCE increased by a factor of 20. Thus the risk from PCE in indoor air also decreased to within acceptable levels. DEQ is continuing monitoring to ensure conditions remain protective.</p> <p>Created By: Created Date: 12/17/2002 Last Updated By: MPUGH Last Updated: 03/12/2012 -- Narrative -- Narrative Code: 1917 Description: Health Threats Comment: Shallow groundwater is not used for drinking water at the site or in the immediate vicinity where groundwater has been impacted. The primary threat at the site vapor intrusion of PCE to indoor air. DEQ installed a vapor collection system that has reduced indoor air levels, but some PCE and TCE levels persisted above risk-based concentrations (RBCs). In November 2011 and February 2012, DEQ revised the RBCs for TCE and PCE respectively. With the exception of the dry cleaners, where PCE is still being used, concentrations of PCE and TCE in all other tenant spaces are below RBCs, indicating protective conditions for site workers.</p> <p>Created By: Created Date: 12/17/2002 Last Updated By: MPUGH Last Updated: 03/12/2012 --</p> | |

| | | | | | | |
|----------------------------|-----------------------------|-----|--------------------|--------|---|------------|
| 47 | 2 of 2 | WNW | 0.31 / 1,643.94 | 209.19 | Valet Cleaners 15020 SE McLoughlin Blvd. Oak Grove OR 97267 | ECSI |
| Site ID: | 1156 | | | | Created on Dt: | 12/18/1991 |
| Investi Status: | Listed on the CRL/Inventory | | | | Last Update Dt: | 07/14/2014 |
| Furth Act Priority: | 0 | | | | Site Alias Name: | |
| CERCLIS NO: | | | | | Range Coord: | 1.00 |
| NPL?: | False | | | | Range Zone: | E |
| Legis Fund Code: | 831 | | | | Section Coord: | 12 |
| Brownfield Desc: | 0 | | | | Qtr Sec Coord: | |
| Study Area Flag: | False | | | | Display Order: | 0 |
| Orphan Flag: | False | | | | Lat Decimal: | 45.4144 |
| Score Value: | | | | | Lat Degrees: | 45 |
| Tax Lots: | | | | | Lat Minutes: | 24 |
| Size: | | | | | Lat Seconds: | 52.00 |
| FACA Identifier: | 1897 | | | | Long Decimal: | -122.6305 |
| County Name: | | | | | Long Degrees: | -122 |
| Region: | Northwest Region | | | | Long Minutes: | 37 |
| Town S Coord: | 2.00 | | | | Long Seconds: | 50.00 |
| Township Zone: | S | | | | | |
| Operation Details | | | | | | |
| -- | -- | | | | | |
| Operation ID: | 132463 | | | | | |
| Operation Status: | Active | | | | | |
| Common Name: | Valet Cleaners | | | | | |
| Years of Operation: | approx. 1967 to present | | | | | |
| Operation Comment: | dry cleaners | | | | | |
| Process: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Process Comments: | | | | | | |
| SIC Codes: | | 7216 | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRI-CLENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | -- | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TCE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | -- | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHINYL TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRICHLOROETHENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 28.00 | | | | |
| Comment: | | up to 28 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 47.00 | | | | |
| Comment: | | up to 47 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | TETRACHLOROETHYLENE,1,1,2,2- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 01/09/1992 | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | 25 ft bgs | | | |
| Start Date: | | | 07/10/1992 | | | |
| End Date: | | | 07/10/1992 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | 620.00 | | | |
| Comment: | | | up to 620 ppb | | | |
| -- | | -- | | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | 8 | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | 27 ft bgs | | | |
| Start Date: | | | 07/27/1993 | | | |
| End Date: | | | 07/27/1993 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | 160.00 | | | |
| Comment: | | | up to 160 ppb | | | |
| -- | | -- | | | | |
| Medium: | | | Sediment | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 07/27/1993 | | | |
| End Date: | | | 07/27/1993 | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 91 ppm | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | | Media Contamination Footnote | | | |
| Comment: | | | Sediment sample from cistern. | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | TETRACHLOROETHENE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 01/09/1992 | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | PERCLEN | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | PERCHLOROETHYLENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TETRACHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------------------|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | ETHENE,TETRACHLORO- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | TETRACHLOROETHENE,1,1,2,2- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 01/09/1992 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 25 ft bgs | | | | |
| Start Date: | | 07/10/1992 | | | | |
| End Date: | | 07/10/1992 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 620.00 | | | | |
| Comment: | | up to 620 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | 8 | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | 27 ft bgs | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | 160.00 | | | | |
| Comment: | | up to 160 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Sediment | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/27/1993 | | | | |
| End Date: | | 07/27/1993 | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 91 ppm | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Media Contamination Footnote | | | | |
| Comment: | | Sediment sample from cistern. | | | | |
| -- | | -- | | | | |
| Admin Action Details | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9438 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility placed on Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 05/08/1996 | | | | |
| Completion Date: | | 05/08/1996 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 649 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9465 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 10/04/1995 | | | | |
| Completion Date: | | 10/04/1995 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | ars | | | | |
| Last Updated: | | 10/04/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9465 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 02/28/1996 | | | | |
| Completion Date: | | 02/28/1996 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/27/1996 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 767 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9510 | | | | |
| Action Category: | | RA | | | | |
| Action: | | State Expanded Preliminary Assessment recommended (XPA) | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 258 | | | | |
| Start Date: | | 09/02/1992 | | | | |
| Completion Date: | | 09/02/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Determine groundwater flow direction and velocity. | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 228 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | Medium | | | | |
| -- | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Start Date: | | 12/18/1991 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/27/1996 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 382 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9426 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE PRIORITY EVALUATION FOR FURTHER ACTION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 08/29/1993 | | | | |
| Completion Date: | | 08/29/1993 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 01/18/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9459 | | | | |
| Action Category: | | RA | | | | |
| Action: | | PRELIMINARY ASSESSMENT EQUIVALENT | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 09/01/1992 | | | | |
| Completion Date: | | 09/01/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Phase I and II Environmental Site Assessments. | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 228 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9425 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE EVALUATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 02/26/1992 | | | | |
| Completion Date: | | 02/26/1992 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/27/1996 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 649 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9497 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Preliminary Assessment Equivalent recommended (PAE) | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 02/26/1992 | | | | |
| Completion Date: | | 02/26/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 02/07/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 649 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9498 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Proposal for Confirmed Release List recommended | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 08/31/1993 | | | | |
| Completion Date: | | 08/31/1993 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 01/18/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9437 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing Review completed | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 08/30/1993 | | | | |
| Completion Date: | | 08/30/1993 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 01/18/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 301 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9519 | | | | |
| Action Category: | | RA | | | | |
| Action: | | VCS Waiting List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 04/27/2005 | | | | |
| Completion Date: | | 11/01/2005 | | | | |
| Sub Program Code: | | VCP | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | ITP received 4/27/05; Complaint from off-site owner about off-site contamination - litigation? Dry Cleaner Program reassessing eligibility; Site not eligible for ICP. | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 11/01/2005 | | | | |
| Created By: | | GWISTAR | | | | |
| Created Date: | | 08/15/2005 | | | | |
| Emp ID: | | 2081 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9511 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE INVESTIGATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 11/01/2005 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | DC | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Work is being conducted by DEQ using Dry Cleaner Program funding. | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 08/23/2016 | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 11/01/2005 | | | | |
| Emp ID: | | 2030 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | MTP 3/12/12 Numerous field investigations have been conducted at the site. Perchloroethene (PCE) and related breakdown products, including trichloroethene (TCE), were first detected at the site in 1989. The existing monitoring well network consists of four on-site and three off-site wells. Monitoring wells installed on the Plaza 99 Strip Center, where the Valet Cleaners site is located, showed up to 374 ppb PCE during sampling in 1989. This work was done as part of a Phase II Environmental Assessment of the shopping center property. Among the three wells, PCE detections in groundwater were highest in the well adjacent to Valet Cleaners. The maximum PCE detection in groundwater has been 716 ppb in MW-2, and concentrations have fluctuated but not decreased significantly since monitoring was initiated in 1992. Samples of standing water collected in May 2010 from the | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------|-------------------|-----------|------------------|-----------|---|----|
| | | | | | <p>basement sumps contained PCE at concentrations of 117 ug/L and 94 ug/L, respectively, with lower concentrations of TCE and cis-DCE. Calculations based on Henry's Law indicate that these PCE levels are capable of producing vapor concentrations at the groundwater/air interface in excess of DEQ RBCs for indoor air. Soil: No contamination has been detected in soil beneath or around the building. Moderately high levels of PCE (maximum of 91 mg/kg) and TCE (maximum of 12 mg/kg) were detected in drywell sediments prior to removal. Soil Gas: Four sub-slab vapor samples were collected from beneath the drycleaner space in November 2006. PCE was detected at concentrations ranging from 4,700 ug/m3 to 110,000 ug/m3, while TCE levels generally were an order of magnitude lower. Sub-slab soil gas samples collected by DEQ in 2010 showed substantially higher concentrations of up to 240,000 ug/m3 PCE and 18,000 ug/m3 TCE (Table 2). These soil gas concentrations exceed DEQ risk-based concentrations (RBCs) for soil gas under an occupational exposure scenario by a factor of more than 100 and are considered hotspots. The sample with the highest concentration was collected beneath the floor of the adjacent tenant space south of the dry cleaner. Ambient Air: DEQ collected one ambient air sample from the basement, two spaces south of the dry cleaner, PCE and TCE concentrations were greater than 10 times their respective RBCs for indoor air. The hole in the floor at each soil gas sampling point was fitted with a removable plug to allow access for subsequent sampling and/or vapor probe installation. Based on soil gas distribution and groundwater monitoring, a former drywell previously located near the northern corner of the building, in addition to solvent disposal in sanitary sewer by a former operator, appear to be a source areas at the site. The relatively larger contribution appears to be related to the sanitary sewer. Sampling of water and sediment in the drywell detected significant levels of PCE and TCE. The water and sediment were removed and the drywell was decommissioned in 2007. During abandonment of the dry well 100 pounds of Adventus EHC-A was mixed with 900 pounds of sand and placed in the dry well to stimulate reductive dechlorination of residual chlorinated hydrocarbon contamination. To address elevated contaminatn concentrations in soil gas and indoor air, DEQ completed vapor mitigation actions in 2010 and 2011 that included:- Installation of sub-slab vapor collection pits and associated system components (piping and fan), which resulted in a relatively low pressure condition beneath the floor slab in the area of the highest sub-slab vapor concentrations.- Modification of the existing HVAC systems, which resulted in positive differential pressure inside the bike shop and auto parts shop. The Valet Cleaners space is vented with three fans and does not have an HVAC unit. - Sealing of the basement sumps and wall seeps to reduce volatilization into the basement airspace, and connection of the sealed air spaces to the vapor collection system (using a historical ventilation duct as a conduit) to further reduce the potential for vapor migration into the basement. Initial post IRAM sampling in October 2010 showed concentrations of PCE in soil gas and indoor air increased substantially despite installation of the vapor controls. PCE was detected above its soil gas hotspot concentration in in the bike shop, and above RBCs in most other samples. PCE was elevated above RBCs in all indoor air samples. The concentration increase is likely attributable to high water table conditions, although groundwater concentrations are below generic RBCs for vapor intrusion into buildings. The elevated results likely are due to the water table rising and concentrating high soil gas levels closer to the building floor and reducing the distance for migration into building spaces. Subsequent soil gas and ambient air sampling in October 2011 has shown a decrease in soil gas concentrations by a factor of 10, with the exception of an increase of contaminant levels in vapor collected beneath the dry cleaner space. Generally drier conditions were observed during the 2011 sampling compared to 2010, and is thought to be the reason for the lower concentrations observed. Operation of the vapor collection system also likely reduced source area concentrations. Outside air sampling was conducted in the site area to assess the potential contribution of off-site sources. Elevated levels of PCE and TCE were detected in one or more samples. The distance and prevailing wind direction at the time of sampling suggest that the contamination did not originate at the site, and this will be an important consideration for compliance monitoring at the site. In February 2011 the risk-based concentrations for PCE increased by a factor of 20. Thus the risk from PCE in indoor air also decreased to within acceptable levels. DEQ is continuing monitoring to ensure conditions remain protective.</p> | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: MPUGH Last Updated: 03/12/2012 -- Narrative -- Narrative Code: 1901 Description: Data Sources Comment: 1) July 1989 Sweet-Edwards/EMCON ***Environmental Audit***.2) November 1989 Sweet-Edwards/EMCON ***Phase II ESA***.3) August 1992 PSI ***Addendum to the Phase II Prelim. Assess***.4) August 1993 PSI ***Phase II ESA***.5) August 15, 2001 letter report from PBS Environmental conveying results of a Phase II assessment at the Oak Grove Center.6) May 2002 Clackamas County Circuit Court Complaint (Case No. CCV0205638).Ash Creek, 2011a. Supplemental Site Investigation Work Plan - Valet Cleaners, Milwaukie, Oregon.August 23, 2011.Ash Creek, 2011b. Interim Remedial Action Measure Implementation - Valet Cleaners, Milwaukie, Oregon.June 14, 2011.Ash Creek, 2011c. Interim Action Technology Screening - Valet Cleaners, Milwaukie, Oregon. February 7,2011.Oregon Department of Environmental Quality (DEQ), 2003. Risk-Based Decision Making for theRemediation of Petroleum-Contaminated Sites. September 22, 2003 (RBC Spreadsheet updatedFebruary 2012).</p> | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: MPUGH Last Updated: 03/12/2012 --</p> | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1902 | | | | |
| Description: | | General Site Description | | | | |
| Comment: | | Valet Cleaners operates in the northernmost space of the Plaza 99 commercial building (Figure 2). The building appears to be typical slab-on-grade construction, with the exception of a basement located beneath a portion of the auto parts store. Two open sumps in the basement area were observed to contain water during the March 2010 soil gas sampling event, and were sampled. Standing water was approximately 1½ feet below the basement floor. Sump #1 is in the back left corner of the basement (when facing the building from McLoughlin Boulevard) and Sump #2 is along the left wall about a third of the way from the front. At the time of sampling water was actively leaking from a crack in the wall and into Sump #1. Both sumps have pumps installed, and piping from both sumps connect to an 8" diameter cast iron pipe near the ceiling (i.e., ground level) at the front of the building. This is probably the original sewer pipe. Another sewer pipe exits the basement in the floor along at the middle of the right wall. This is newer construction evidenced by black PVC construction, and may have been installed when the building was expanded. The precise configuration of the sanitary sewer is unknown. | | | | |
| Created By: | | MPUGH | | | | |
| Created Date: | | 03/12/2012 | | | | |
| Last Updated By: | | MPUGH | | | | |
| Last Updated: | | 03/12/2012 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1903 | | | | |
| Description: | | Hazardous Substance/Waste Types | | | | |
| Comment: | | Perchloroethylene (PCE) and associated degradation products, such as trichloroethylene (TCE) and cis-1,2-dichloroethylene (cis-1,2-DCE). | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 12/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1906 | | | | |
| Description: | | Site Location | | | | |
| Comment: | | Located within the Plaza 99 Shopping Center. Shopping Center address is 15100 SE McLoughlin Blvd. Across McLoughlin Blvd. to the southwest is the Oak Grove Center, where chlorinated solvent contamination has been detected in shallow groundwater. | | | | |
| Created By: | | KDANA | | | | |
| Created Date: | | 05/22/2003 | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 12/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1907 | | | | |
| Description: | | Manner of Release | | | | |
| Comment: | | Manner of release unknown but suspected to be due to past practices, possibly involving a cistern on adjacent property. Time of release unknown. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1909 | | | | |
| Description: | | Site Ownership | | | | |
| Comment: | | Valet Cleaners is owned and operated by Lee Sang. John & Jacqueline Skourtes purchased the Plaza 99 Shopping Center from BenjFran Development Inc. in January 1994. Plaza 99 is operated by the Ionian Corporation. The adjacent property with the cistern is owned by L&J Properties of Oregon. | | | | |
| Created By: | | KDANA | | | | |
| Created Date: | | 05/22/2003 | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 05/22/2003 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1911 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------|--------------------------|------------------|--|------------------|--|-----------|
| Description: | | | | | Pathways & Other Hazards | |
| Comment: | | | | | The site is located in the unincorporated community of Oak Grove. The surrounding area is primarily commercial, with some residential. Shallow groundwater is about 25 feet below the surface. Soil generally grades from clay to silt to sand, underlain by basalt. The Willamette River is just over a mile to the southwest, and shallow groundwater flows towards the southwest. | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Last Updated By: | | | KDANA | | | |
| Last Updated: | | | 05/22/2003 | | | |
| -- | | | -- | | | |
| Narrative | | | | | | |
| -- | | | -- | | | |
| Narrative Code: | | | 1914 | | | |
| Description: | | | Remedial Action | | | |
| Comment: | | | (5/22/2003 KPD) In August 2001, shallow groundwater contamination similar to that at Valet Cleaners (PCE and associated degradation products) was discovered at the edge of the Oak Grove Market Place, a strip mall located across McLoughlin Blvd. downgradient from Valet. In May 2002, the owners of the Market Place filed a complaint in Clackamas County Circuit Court against the owners and operators of Valet Cleaners, the Plaza 99 Shopping Center, and the lot where the cistern is located. The complaint alleged that the defendants were negligent in not cleaning up the PCE contamination before it migrated to plaintiffs' property. Although Valet applied to DEQ's Dry Cleaner Program in December 2002, DEQ has decided not to make a decision on whether or not to accept Valet into the program until the complaint has been settled. MTPugh 3/12/12 To address elevated contaminant concentrations in soil gas and indoor air, DEQ completed vapor mitigation actions in 2010 and 2011 that included:- Installation of sub-slab vapor collection pits and associated system components (piping and fan), which resulted in a relatively low pressure condition beneath the floor slab in the area of the highest sub-slab vapor concentrations.- Modification of the existing HVAC systems, which resulted in positive differential pressure inside the bike shop and auto parts shop. The Valet Cleaners space is vented with three fans and does not have an HVAC unit. - Sealing of the basement sumps and wall seeps to reduce volatilization into the basement airspace, and connection of the sealed air spaces to the vapor collection system (using a historical ventilation duct as a conduit) to further reduce the potential for vapor migration into the basement. Initial post IRAM sampling in October 2010 showed concentrations of PCE in soil gas and indoor air increased substantially despite installation of the vapor controls. PCE was detected above its soil gas hotspot concentration in in the bike shop, and above RBCs in most other samples. PCE was elevated above RBCs in all indoor air samples. The concentration increase is likely attributable to high water table conditions, although groundwater concentrations are below generic RBCs for vapor intrusion into buildings. The elevated results likely are due to the water table rising and concentrating high soil gas levels closer to the building floor and reducing the distance for migration into building spaces. Subsequent soil gas and ambient air sampling in October 2011 has shown a decrease in soil gas concentrations by a factor of 10, with the exception of an increase of contaminant levels in vapor collected beneath the dry cleaner space. Generally drier conditions were observed during the 2011 sampling compared to 2010, and is thought to be the reason for the lower concentrations observed. Operation of the vapor collection system also likely reduced source area concentrations. Outside air sampling was conducted in the site area to assess the potential contribution of off-site sources. Elevated levels of PCE and TCE were detected in one or more samples. The distance and prevailing wind direction at the time of sampling suggest that the contamination did not originate at the site, and this will be an important consideration for compliance monitoring at the site. In February 2011 the risk-based concentrations for PCE increased by a factor of 20. Thus the risk from PCE in indoor air also decreased to within acceptable levels. DEQ is continuing monitoring to ensure conditions remain protective. | | | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Last Updated By: | | | MPUGH | | | |
| Last Updated: | | | 03/12/2012 | | | |
| -- | | | -- | | | |
| Narrative | | | | | | |
| -- | | | -- | | | |
| Narrative Code: | | | 1917 | | | |
| Description: | | | Health Threats | | | |
| Comment: | | | Shallow groundwater is not used for drinking water at the site or in the immediate vicinity where groundwater has been impacted. The primary threat at the site vapor intrusion of PCE to indoor air. DEQ installed a vapor collection system that has reduced indoor air levels, but some PCE and TCE levels persisted above risk-based concentrations (RBCs). In November 2011 and February 2012, DEQ revised the RBCs for TCE and PCE respectively. With the exception of the dry cleaners, where PCE is still being used, concentrations of PCE and TCE in all other tenant spaces are below RBCs, indicating protective conditions for site workers. | | | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Last Updated By: | | | MPUGH | | | |
| Last Updated: | | | 03/12/2012 | | | |
| -- | | | -- | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------|-------------------|-----------|--------------------|-----------|--|------------|
| 48 | 1 of 1 | E | 0.32 / 1,675.16 | 309.09 | HEATING OIL TANK 15525 SE Francis Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-16-1287 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 09/28/2016 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 49 | 1 of 1 | ENE | 0.32 / 1,688.00 | 327.98 | HEATING OIL TANK 15226 SE Meadowlark Ln MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-11-0386 | | | | Work Compl Dt: | 08/08/2011 |
| Cleanup Rcvd Dt: | 05/02/2011 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 50 | 1 of 1 | NW | 0.32 / 1,697.80 | 227.54 | HEATING OIL TANK 14912 SE Kronberg Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-04-2289 | | | | Work Compl Dt: | 01/29/2014 |
| Cleanup Rcvd Dt: | 11/12/2004 | | | | Region: | NWR |
| Cleanup Start Dt: | 11/15/2004 | | | | | |
| 51 | 1 of 1 | ENE | 0.33 / 1,720.35 | 325.59 | HEATING OIL TANK 15301 SE Meadowlark Ln PORTLAND OR 97267 | LUST |
| Log NO: | 03-11-0562 | | | | Work Compl Dt: | 09/02/2011 |
| Cleanup Rcvd Dt: | 06/06/2011 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 52 | 1 of 1 | SW | 0.33 / 1,730.41 | 147.76 | HEATING OIL TANK 3208 SE Concord Rd MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-09-0585 | | | | Work Compl Dt: | 01/19/2010 |
| Cleanup Rcvd Dt: | 06/30/2009 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 53 | 1 of 1 | N | 0.33 / 1,733.26 | 286.67 | HEATING OIL TANK 3945 SE Oatfield Ct PORTLAND OR 97267 | LUST |
| Log NO: | 03-06-1904 | | | | Work Compl Dt: | 01/16/2007 |
| Cleanup Rcvd Dt: | 10/26/2006 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 54 | 1 of 1 | E | 0.33 / 1,738.16 | 314.02 | HEATING OIL TANK 4457 SE ROBIN RD OAK GROVE OR 97222 | LUST |
| Log NO: | 03-94-5274 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 12/23/1994 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|-----------|--|------------|
| 55 | 1 of 1 | E | 0.33 / 1,765.76 | 312.07 | HEATING OIL TANK 15600 SE Francis Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 26-14-1174 | | | | Work Compl Dt: | 02/04/2015 |
| Cleanup Rcvd Dt: | 08/28/2014 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 56 | 1 of 1 | ENE | 0.34 / 1,773.62 | 319.42 | HEATING OIL TANK 15311 SE Meadowlark LN MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-11-0632 | | | | Work Compl Dt: | 07/31/2013 |
| Cleanup Rcvd Dt: | 06/23/2011 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 57 | 1 of 1 | SW | 0.34 / 1,779.64 | 144.25 | HEATING OIL TANK 3203 SE Concord Rd MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-07-0506 | | | | Work Compl Dt: | 05/21/2014 |
| Cleanup Rcvd Dt: | 04/17/2007 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 58 | 1 of 1 | NW | 0.34 / 1,802.48 | 209.57 | RALLY AUTO MART SITE 15025 SE MCLOUGHLIN BLVD OAK GROVE OR 97267 | LUST |
| Log NO: | 03-90-0341 | | | | Work Compl Dt: | 01/03/1991 |
| Cleanup Rcvd Dt: | 09/19/1990 | | | | Region: | NWR |
| Cleanup Start Dt: | 09/17/1990 | | | | | |
| 59 | 1 of 1 | NNE | 0.34 / 1,805.33 | 321.47 | HEATING OIL TANK 4108 SE RISLEY AVE MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-00-6094 | | | | Work Compl Dt: | 08/21/2001 |
| Cleanup Rcvd Dt: | 10/11/2000 | | | | Region: | NWR |
| Cleanup Start Dt: | 10/11/2000 | | | | | |
| 60 | 1 of 1 | NE | 0.35 / 1,849.42 | 359.45 | HEATING OIL TANK 15113 SE CONCORD COURT MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-96-0236 | | | | Work Compl Dt: | 06/26/1996 |
| Cleanup Rcvd Dt: | 04/15/1996 | | | | Region: | NWR |
| Cleanup Start Dt: | 04/15/1996 | | | | | |
| 61 | 1 of 1 | NE | 0.35 / 1,854.75 | 368.02 | HEATING OIL TANK 15110 SE CONCORD CT MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-02-5822 | | | | Work Compl Dt: | 10/21/2002 |
| Cleanup Rcvd Dt: | 05/06/2002 | | | | Region: | NWR |
| Cleanup Start Dt: | 05/06/2002 | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------|-------------------|-----------|--------------------|-----------|--|------|
| 62 | 1 of 1 | E | 0.35 / 1,860.91 | 317.73 | HEATING OIL TANK 15405 SE MEADOWLARK LN MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-99-0266 | | | | Work Compl Dt: 02/03/2000 | |
| Cleanup Rcvd Dt: | 03/19/1999 | | | | Region: NWR | |
| Cleanup Start Dt: | 03/19/1999 | | | | | |
| 63 | 1 of 1 | ENE | 0.36 / 1,880.19 | 356.13 | HEATING OIL TANK 15122 SE LABONITA WAY MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-96-0750 | | | | Work Compl Dt: 01/13/2006 | |
| Cleanup Rcvd Dt: | 12/30/1996 | | | | Region: NWR | |
| Cleanup Start Dt: | 12/30/1996 | | | | | |
| 64 | 1 of 1 | NNW | 0.36 / 1,892.40 | 247.53 | HEATING OIL TANK 3775 SE McCartney Ln MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-06-1929 | | | | Work Compl Dt: 02/07/2007 | |
| Cleanup Rcvd Dt: | 10/20/2006 | | | | Region: NWR | |
| Cleanup Start Dt: | | | | | | |
| 65 | 1 of 1 | NNE | 0.36 / 1,911.77 | 329.21 | HEATING OIL TANK 4112 SE RISLEY MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-99-0396 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 04/23/1999 | | | | Region: NWR | |
| Cleanup Start Dt: | | | | | | |
| 66 | 1 of 1 | E | 0.36 / 1,924.16 | 313.04 | HEATING OIL TANK 15620 SE Francis Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-16-1026 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 08/09/2016 | | | | Region: NWR | |
| Cleanup Start Dt: | | | | | | |
| 67 | 1 of 1 | E | 0.37 / 1,936.03 | 319.96 | HEATING OIL TANK 15412 SE MEADOWLARK LANE MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-00-5000 | | | | Work Compl Dt: 03/09/2001 | |
| Cleanup Rcvd Dt: | 06/01/2000 | | | | Region: NWR | |
| Cleanup Start Dt: | 06/01/2000 | | | | | |
| 68 | 1 of 1 | SE | 0.37 / 1,940.88 | 192.30 | HEATING OIL TANK 16110 SE HAROLD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-97-0276 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 04/09/1997 | | | | Region: NWR | |
| Cleanup Start Dt: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------|-------------------|-----------|--------------------|-----------|---|------------|
| 69 | 1 of 1 | NNE | 0.37 / 1,943.80 | 295.75 | HEATING OIL TANK 14817 SE RAIN TREE CT MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-04-0013 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 11/12/2003 | | | | Region: | NWR |
| Cleanup Start Dt: | 11/12/2003 | | | | | |
| 70 | 1 of 1 | E | 0.38 / 2,000.55 | 323.07 | HEATING OIL TANK 15418 SE MEADOW LARK LANE MILWAUKIE OR 97267 | LUST |
| Log NO: | 26-04-0313 | | | | Work Compl Dt: | 04/04/2006 |
| Cleanup Rcvd Dt: | 03/05/2004 | | | | Region: | NWR |
| Cleanup Start Dt: | 03/08/2004 | | | | | |
| 71 | 1 of 1 | SW | 0.38 / 2,007.34 | 124.47 | HEATING OIL TANK 16106 SE Southview Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-13-0474 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 04/24/2013 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 72 | 1 of 1 | NNW | 0.38 / 2,009.21 | 252.29 | HEATING OIL TANK 14729 SE Oatfield Rd MILWAUKIE OR 97222 | LUST |
| Log NO: | 03-07-1881 | | | | Work Compl Dt: | 02/20/2008 |
| Cleanup Rcvd Dt: | 12/20/2007 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 73 | 1 of 1 | SSW | 0.38 / 2,023.53 | 123.46 | HEATING OIL TANK 3310 SE Westview Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-01-6360 | | | | Work Compl Dt: | 05/06/2014 |
| Cleanup Rcvd Dt: | 07/02/2001 | | | | Region: | NWR |
| Cleanup Start Dt: | 06/30/2001 | | | | | |
| 74 | 1 of 1 | NW | 0.38 / 2,026.47 | 221.24 | HEATING OIL TANK 3100 SE BIRCH MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-01-6011 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 05/23/2001 | | | | Region: | NWR |
| Cleanup Start Dt: | 05/23/2001 | | | | | |
| 75 | 1 of 1 | NW | 0.39 / 2,037.46 | 225.04 | HEATING OIL TANK 3120 SE BIRCH AVE PORTLAND OR 97267 | LUST |
| Log NO: | 03-02-0305 | | | | Work Compl Dt: | 10/14/2002 |
| Cleanup Rcvd Dt: | 07/08/2002 | | | | Region: | NWR |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------------|-------------------|------------|--------------------|-----------------------|---|------|
| Cleanup Start Dt: | | 07/08/2002 | | | | |
| 76 | 1 of 1 | NNW | 0.39 / 2,050.64 | 231.27 | HEATING OIL TANK 3140 SE BIRCH AVE MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-02-0895 | | | Work Compl Dt: | | |
| Cleanup Rcvd Dt: | 09/14/2002 | | | Region: | NWR | |
| Cleanup Start Dt: | 09/14/2002 | | | | | |
| 77 | 1 of 1 | ENE | 0.39 / 2,060.75 | 365.37 | HEATING OIL TANK 4434 SE CONCORD RD PORTLAND OR 97267 | LUST |
| Log NO: | 26-01-5364 | | | Work Compl Dt: | 08/27/2001 | |
| Cleanup Rcvd Dt: | 03/02/2001 | | | Region: | NWR | |
| Cleanup Start Dt: | 03/02/2001 | | | | | |
| 78 | 1 of 1 | WNW | 0.39 / 2,073.90 | 184.38 | HEATING OIL TANK 15314 SE EAST ST MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-02-0307 | | | Work Compl Dt: | 07/21/2004 | |
| Cleanup Rcvd Dt: | 07/08/2002 | | | Region: | NWR | |
| Cleanup Start Dt: | 07/03/2002 | | | | | |
| 79 | 1 of 1 | WSW | 0.39 / 2,084.66 | 150.59 | HEATING OIL TANK 2920 SE Risley Avenue MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-07-0680 | | | Work Compl Dt: | 06/21/2007 | |
| Cleanup Rcvd Dt: | 05/16/2007 | | | Region: | NWR | |
| Cleanup Start Dt: | | | | | | |
| 80 | 1 of 1 | ESE | 0.40 / 2,087.41 | 313.33 | HEATING OIL TANK 15715 SE FRANCIS AVENUE MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-03-1132 | | | Work Compl Dt: | 07/30/2003 | |
| Cleanup Rcvd Dt: | 06/11/2003 | | | Region: | NWR | |
| Cleanup Start Dt: | 06/17/2003 | | | | | |
| 81 | 1 of 1 | NNW | 0.40 / 2,100.45 | 248.12 | HEATING OIL TANK 14723 SE OATFIELD ROAD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-00-0527 | | | Work Compl Dt: | 12/12/2000 | |
| Cleanup Rcvd Dt: | 04/06/2000 | | | Region: | NWR | |
| Cleanup Start Dt: | 04/06/2000 | | | | | |
| 82 | 1 of 1 | SW | 0.41 / 2,142.10 | 124.93 | HEATING OIL TANK 3111 SE CONCORD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-03-0151 | | | Work Compl Dt: | 04/23/2003 | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---|-------------------|-----------|--------------------|-----------|---|------|
| Cleanup Rcvd Dt: 01/24/2003 Cleanup Start Dt: 01/24/2003 | | | | | Region: NWR | |
| 83 | 1 of 1 | WSW | 0.41 / 2,158.16 | 139.79 | HEATING OIL TANK 15858 SE WATSON PL MILWAUKIE OR 97267 | LUST |
| Log NO: 03-02-1577 Cleanup Rcvd Dt: 12/30/2002 Cleanup Start Dt: 12/30/2002 | | | | | Work Compl Dt: 03/10/2003 Region: NWR | |
| 84 | 1 of 1 | NNE | 0.41 / 2,160.48 | 309.04 | HEATING OIL TANK 4061 SE HAGER LN MILWAUKIE OR 97267 | LUST |
| Log NO: 03-00-6201 Cleanup Rcvd Dt: 10/25/2000 Cleanup Start Dt: 10/25/2000 | | | | | Work Compl Dt: 01/22/2001 Region: NWR | |
| 85 | 1 of 1 | SSE | 0.41 / 2,173.58 | 170.79 | HEATING OIL TANK 4218 SE Vineyard Rd MILWAUKIE OR 97267 | LUST |
| Log NO: 03-13-0533 Cleanup Rcvd Dt: 05/02/2013 Cleanup Start Dt: | | | | | Work Compl Dt: 10/22/2013 Region: NWR | |
| 86 | 1 of 1 | SSE | 0.41 / 2,183.93 | 174.61 | HEATING OIL TANK 4228 SE Vineyard Rd PORTLAND OR 97269 | LUST |
| Log NO: 03-11-0820 Cleanup Rcvd Dt: 08/12/2011 Cleanup Start Dt: | | | | | Work Compl Dt: 09/19/2011 Region: NWR | |
| 87 | 1 of 1 | W | 0.41 / 2,190.55 | 170.99 | HEATING OIL TANK 2909 SE SWAIN Milwaukie OR 97267 | LUST |
| Log NO: 03-91-0313 Cleanup Rcvd Dt: 07/25/1991 Cleanup Start Dt: 07/19/1991 | | | | | Work Compl Dt: 09/19/1991 Region: NWR | |
| 88 | 1 of 1 | WNW | 0.42 / 2,208.68 | 194.66 | HEATING OIL TANK 15123 SE EAST AVE MILWAUKIE OR 97267 | LUST |
| Log NO: 03-99-1101 Cleanup Rcvd Dt: 09/28/1999 Cleanup Start Dt: 05/10/1999 | | | | | Work Compl Dt: 11/29/1999 Region: NWR | |
| 89 | 1 of 1 | WSW | 0.42 / 2,214.62 | 140.12 | HEATING OIL TANK 15835 SE WATSON PL MILWAUKIE OR 97267 | LUST |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--|-------------------|-----------|------------------|-----------|---|------|
| Log NO: 03-01-6622 Cleanup Rcvd Dt: 08/01/2001 Cleanup Start Dt: 07/31/2001 | | | | | Work Compl Dt: Region: NWR | |
| 90 | 1 of 1 | SSW | 0.42 / 2,215.89 | 124.31 | HEATING OIL TANK 3419 SE Kingsley Rd MILWAUKIE OR 97267 | LUST |
| Log NO: 03-16-0591 Cleanup Rcvd Dt: 05/11/2016 Cleanup Start Dt: | | | | | Work Compl Dt: 07/26/2016 Region: NWR | |
| 91 | 1 of 1 | SW | 0.43 / 2,247.76 | 119.66 | HEATING OIL TANK 3082 SE Concord Rd MILWAUKIE OR 97267 | LUST |
| Log NO: 03-06-2173 Cleanup Rcvd Dt: 12/20/2006 Cleanup Start Dt: | | | | | Work Compl Dt: 04/19/2007 Region: NWR | |
| 92 | 1 of 1 | NNW | 0.43 / 2,264.89 | 222.60 | HEATING OIL TANK 14630 SE OAK CT MILWAUKIE OR 97267 | LUST |
| Log NO: 03-94-0151 Cleanup Rcvd Dt: 08/18/1994 Cleanup Start Dt: 09/15/1994 | | | | | Work Compl Dt: 11/28/1994 Region: NWR | |
| 93 | 1 of 1 | S | 0.44 / 2,299.33 | 124.25 | HEATING OIL TANK 16369 SE Vineyard Lane PORTLAND OR 97267 | LUST |
| Log NO: 03-07-0687 Cleanup Rcvd Dt: 05/16/2007 Cleanup Start Dt: | | | | | Work Compl Dt: 02/12/2008 Region: NWR | |
| 94 | 1 of 1 | SSW | 0.44 / 2,300.76 | 113.93 | HEATING OIL TANK 3411 SE KINGSLEY ROAD MILWAUKIE OR 97267 | LUST |
| Log NO: 03-03-2201 Cleanup Rcvd Dt: 10/16/2003 Cleanup Start Dt: 10/17/2003 | | | | | Work Compl Dt: 02/23/2004 Region: NWR | |
| 95 | 1 of 1 | ENE | 0.44 / 2,323.65 | 354.60 | HEATING OIL TANK 15158 SE La Crescenta MILWAUKIE OR 97267 | LUST |
| Log NO: 03-16-1286 Cleanup Rcvd Dt: 09/26/2016 Cleanup Start Dt: | | | | | Work Compl Dt: Region: NWR | |
| 96 | 1 of 1 | SW | 0.44 / 2,335.72 | 109.03 | HEATING OIL TANK 3207 SE Westview Rd PORTLAND OR 97267 | LUST |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--|-------------------|-----------|------------------|-----------|--|------|
| <p>Log NO: 03-09-0740 Work Compl Dt: 08/21/2009 Cleanup Rcvd Dt: 08/05/2009 Region: NWR Cleanup Start Dt:</p> | | | | | | |
| 97 | 1 of 1 | WSW | 0.44 / 2,347.09 | 138.87 | HEATING OIL TANK 2822 SE RISLEY AVENUE PORTLAND OR 97267 | LUST |
| <p>Log NO: 03-04-0069 Work Compl Dt: 05/19/2004 Cleanup Rcvd Dt: 01/23/2004 Region: NWR Cleanup Start Dt: 01/26/2004</p> | | | | | | |
| 98 | 1 of 1 | E | 0.44 / 2,347.55 | 329.67 | HEATING OIL TANK 15615 SE Meadowlark Ln MILWAUKIE OR 97203 | LUST |
| <p>Log NO: 03-14-0849 Work Compl Dt: 02/04/2015 Cleanup Rcvd Dt: 06/30/2014 Region: NWR Cleanup Start Dt:</p> | | | | | | |
| 99 | 1 of 1 | SE | 0.45 / 2,390.40 | 180.84 | HEATING OIL TANK 16212 SE HAROLD AVENUE OAK GROVE OR 97267 | LUST |
| <p>Log NO: 03-98-0783 Work Compl Dt: 03/08/2000 Cleanup Rcvd Dt: 09/16/1998 Region: NWR Cleanup Start Dt: 10/01/1998</p> | | | | | | |
| 100 | 1 of 1 | NNW | 0.46 / 2,408.23 | 231.58 | HEATING OIL TANK 14620 SW OATFIELD ROAD MILWAUKIE OR 97267 | LUST |
| <p>Log NO: 03-03-1989 Work Compl Dt: Cleanup Rcvd Dt: 09/19/2003 Region: NWR Cleanup Start Dt: 09/23/2003</p> | | | | | | |
| 101 | 1 of 1 | N | 0.46 / 2,414.82 | 241.56 | HEATING OIL TANK 3611 SE Hager Ln MILWAUKIE OR 97267 | LUST |
| <p>Log NO: 03-07-0930 Work Compl Dt: 08/22/2007 Cleanup Rcvd Dt: 06/26/2007 Region: NWR Cleanup Start Dt:</p> | | | | | | |
| 102 | 1 of 1 | S | 0.46 / 2,424.74 | 132.60 | HEATING OIL TANK 16420 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 | LUST |
| <p>Log NO: 03-90-0298 Work Compl Dt: 09/25/1990 Cleanup Rcvd Dt: 08/23/1990 Region: NWR Cleanup Start Dt: 08/23/1990</p> | | | | | | |
| 103 | 1 of 1 | E | 0.46 / 2,426.40 | 331.09 | HEATING OIL TANK 15621 SE MEADOWLARK LANE | LUST |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|----------------------------|-------------------|-----------|--------------------|-----------|--|------|
| MILWAUKIE OR 97267 | | | | | | |
| Log NO: | 03-04-2180 | | | | Work Compl Dt: 02/23/2005 | |
| Cleanup Rcvd Dt: | 10/28/2004 | | | | Region: NWR | |
| Cleanup Start Dt: | 11/01/2004 | | | | | |
| <u>104</u> | 1 of 1 | E | 0.46 / 2,429.06 | 336.44 | HEATING OIL TANK 15506 SE LABONITA WAY PORTLAND OR 97267 | LUST |
| Log NO: | 03-05-1599 | | | | Work Compl Dt: 07/27/2007 | |
| Cleanup Rcvd Dt: | 07/25/2005 | | | | Region: NWR | |
| Cleanup Start Dt: | 07/26/2005 | | | | | |
| <u>105</u> | 1 of 1 | ESE | 0.46 / 2,437.09 | 296.99 | HEATING OIL TANK 16010 SE OATFIELD RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-06-1291 | | | | Work Compl Dt: 11/22/2006 | |
| Cleanup Rcvd Dt: | 07/18/2006 | | | | Region: NWR | |
| Cleanup Start Dt: | 07/19/2006 | | | | | |
| <u>106</u> | 1 of 1 | NW | 0.46 / 2,441.29 | 219.12 | "PARR LUMBER COMPANY, OAK GROVE" 3260 SE OAK GROVE BLVD MILWAUKIE OR 97222 | LUST |
| Log NO: | 03-91-0479 | | | | Work Compl Dt: 11/19/1996 | |
| Cleanup Rcvd Dt: | 12/17/1991 | | | | Region: NWR | |
| Cleanup Start Dt: | 12/13/1991 | | | | | |
| <u>107</u> | 1 of 1 | N | 0.46 / 2,444.19 | 242.35 | HEATING OIL TANK 3619 SE HAGER LN MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-05-0577 | | | | Work Compl Dt: 02/27/2006 | |
| Cleanup Rcvd Dt: | 03/29/2005 | | | | Region: NWR | |
| Cleanup Start Dt: | 03/30/2005 | | | | | |
| <u>108</u> | 1 of 1 | N | 0.47 / 2,464.35 | 245.95 | HEATING OIL TANK 3623 SE Hager Ln MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-16-1005 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 08/04/2016 | | | | Region: NWR | |
| Cleanup Start Dt: | | | | | | |
| <u>109</u> | 1 of 1 | NNW | 0.47 / 2,490.24 | 229.54 | HEATING OIL TANK 14608 SE OATFIELD ROAD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-03-2150 | | | | Work Compl Dt: 12/24/2003 | |
| Cleanup Rcvd Dt: | 10/09/2003 | | | | Region: NWR | |
| Cleanup Start Dt: | 10/10/2003 | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------|-------------------|-----------|--------------------|-----------|---|------------|
| 110 | 1 of 1 | E | 0.47 / 2,492.88 | 338.10 | HEATING OIL TANK 15525 SE LABONITA WAY MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-05-2378 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 11/02/2005 | | | | Region: | NWR |
| Cleanup Start Dt: | 11/02/2005 | | | | | |
| 111 | 1 of 1 | SSE | 0.48 / 2,530.48 | 160.00 | HEATING OIL TANK 16225 SE Sun Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-08-0344 | | | | Work Compl Dt: | 07/09/2008 |
| Cleanup Rcvd Dt: | 03/28/2008 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 112 | 1 of 1 | ENE | 0.48 / 2,543.41 | 373.28 | HEATING OIL TANK 15123 SE La Marquita Way PORTLAND OR 97267 | LUST |
| Log NO: | 03-08-0298 | | | | Work Compl Dt: | 08/05/2008 |
| Cleanup Rcvd Dt: | 03/20/2008 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 113 | 1 of 1 | WSW | 0.48 / 2,547.16 | 128.07 | HEATING OIL TANK 2805 SE Risley Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-15-0343 | | | | Work Compl Dt: | 06/28/2016 |
| Cleanup Rcvd Dt: | 03/17/2015 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 114 | 1 of 1 | NW | 0.48 / 2,552.06 | 214.28 | PANOCO INC/PANOCO SHELL #50 14811 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 | LUST |
| Log NO: | 03-89-0273 | | | | Work Compl Dt: | 02/06/2008 |
| Cleanup Rcvd Dt: | 11/16/1989 | | | | Region: | NWR |
| Cleanup Start Dt: | 04/29/1992 | | | | | |
| 115 | 1 of 1 | ESE | 0.49 / 2,573.46 | 295.55 | HEATING OIL TANK 16023 SE Oatfield Rd MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-12-0774 | | | | Work Compl Dt: | 09/04/2012 |
| Cleanup Rcvd Dt: | 07/11/2012 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 116 | 1 of 1 | SSE | 0.49 / 2,603.68 | 160.69 | HEATING OIL TANK 16300 SE Sun Ave MILWAUKIE OR 97267 | LUST |
| Log NO: | 26-15-0473 | | | | Work Compl Dt: | 09/02/2015 |
| Cleanup Rcvd Dt: | 04/10/2015 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|--------------------------|------------------------------------|-----------|------------------|-----------|---|------------|
| 117 | 1 of 1 | E | 0.49 / 2,606.60 | 340.83 | HEATING OIL TANK 4788 SE THIESSEN RD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-06-1739 | | | | Work Compl Dt: | 01/29/2008 |
| Cleanup Rcvd Dt: | 09/28/2006 | | | | Region: | NWR |
| Cleanup Start Dt: | 10/02/2006 | | | | | |
| 118 | 1 of 1 | ENE | 0.50 / 2,638.54 | 388.96 | HEATING OIL TANK 4637 SE CONCORD MILWAUKIE OR 97267 | LUST |
| Log NO: | 03-99-0050 | | | | Work Compl Dt: | |
| Cleanup Rcvd Dt: | 01/19/1999 | | | | Region: | NWR |
| Cleanup Start Dt: | | | | | | |
| 119 | 1 of 1 | SSE | 0.59 / 3,118.01 | 115.33 | Town & Country Chevrolet 16700 SE McLoughlin Blvd. Milwaukie OR 97267 | ECSI |
| Site ID: | 2443 | | | | Created on Dt: | 11/18/1999 |
| Investi Status: | No Further Action | | | | Last Update Dt: | 12/19/2012 |
| Furth Act Priority: | 0 | | | | Site Alias Name: | |
| CERCLIS NO: | | | | | Range Coord: | 1.00 |
| NPL?: | False | | | | Range Zone: | E |
| Legis Fund Code: | 831 | | | | Section Coord: | 13 |
| Brownfield Desc: | 0 | | | | Qtr Sec Coord: | NE |
| Study Area Flag: | False | | | | Display Order: | 0 |
| Orphan Flag: | False | | | | Lat Decimal: | 45.4028 |
| Score Value: | | | | | Lat Degrees: | 45 |
| Tax Lots: | 900 | | | | Lat Minutes: | 24 |
| Size: | 5.09 acres | | | | Lat Seconds: | 10.10 |
| FACA Identifier: | 2690 | | | | Long Decimal: | -122.6208 |
| County Name: | | | | | Long Degrees: | -122 |
| Region: | Northwest Region | | | | Long Minutes: | 37 |
| Town S Coord: | 2.00 | | | | Long Seconds: | 14.90 |
| Township Zone: | S | | | | | |
| Operation Details | | | | | | |
| -- | -- | | | | | |
| Operation ID: | 133644 | | | | | |
| Operation Status: | Active | | | | | |
| Common Name: | Town & Country Dealership | | | | | |
| Years of Operation: | April 1987 - Current | | | | | |
| Operation Comment: | | | | | | |
| Process: | | | | | | |
| Process Comments: | | | | | | |
| SIC Codes: | 5590 | | | | | |
| -- | -- | | | | | |
| Hazard Release | | | | | | |
| -- | -- | | | | | |
| Substance ID: | 122012 | | | | | |
| Name: | TOTAL PETROLEUM HYDROCARBONS (TPH) | | | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | 10/01/2002 | | | | | |
| Last Updated By: | | | | | | |
| -- | -- | | | | | |
| Sampling Result | | | | | | |
| -- | -- | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|----------------------------------|-------------------------|------------------|-------------|-----------|
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 08/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | Heavy Oil - 879 mg/kg | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | Diesel range petroleum 393 mg/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121608 | | | | |
| Name: | | BENZENE | | | | |
| Alias Name: | | BENZOL | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 12.4 ug/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121608 | | | | |
| Name: | | BENZENE | | | | |
| Alias Name: | | PYROBENZOL | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| <i>Start Date:</i> | | 07/01/1999 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | 12.4 ug/kg | | | | |
| -- | | -- | | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | -- | | | | |
| <i>Substance ID:</i> | | 121608 | | | | |
| <i>Name:</i> | | BENZENE | | | | |
| <i>Alias Name:</i> | | PHENE | | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | 10/01/2002 | | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | -- | | | | |
| <i>Medium:</i> | | Soil | | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | False | | | | |
| <i>Owner/Operator:</i> | | False | | | | |
| <i>Lab Data:</i> | | True | | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | 07/01/1999 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | 12.4 ug/kg | | | | |
| -- | | -- | | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | -- | | | | |
| <i>Substance ID:</i> | | 121608 | | | | |
| <i>Name:</i> | | BENZENE | | | | |
| <i>Alias Name:</i> | | CYCLOHEXATRIENE | | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | 10/01/2002 | | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | -- | | | | |
| <i>Medium:</i> | | Soil | | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | False | | | | |
| <i>Owner/Operator:</i> | | False | | | | |
| <i>Lab Data:</i> | | True | | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | 07/01/1999 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | 12.4 ug/kg | | | | |
| -- | | -- | | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | -- | | | | |
| <i>Substance ID:</i> | | 121608 | | | | |
| <i>Name:</i> | | BENZENE | | | | |
| <i>Alias Name:</i> | | COAL NAPHTHA | | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | 10/01/2002 | | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | -- | | | | |
| <i>Sampling Result</i> | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 12.4 ug/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 120781 | | | | |
| Name: | | ETHYLBENZENE | | | | |
| Alias Name: | | ETHYLBENZOL | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 33.4 ug/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 120781 | | | | |
| Name: | | ETHYLBENZENE | | | | |
| Alias Name: | | PHENYLETHANE | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 33.4 ug/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 120836 | | | | |
| Name: | | CHLOROTOLUENE,p- | | | | |
| Alias Name: | | TOLYL CHLORIDE,p- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|---------------------------|-------------------------|------------------|-------------|-----------|
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 58.2 ug/kg | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 120836 | | | | |
| Name: | | CHLOROTOLUENE,p- | | | | |
| Alias Name: | | CHLORO-1-METHYLBENZENE,4- | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 58.2 ug/kg | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 120836 | | | | |
| Name: | | CHLOROTOLUENE,p- | | | | |
| Alias Name: | | CHLOROTOLUENE,4- | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| <i>Comment:</i> | | | 58.2 ug/kg | | | |
| -- | | | -- | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | | -- | | | |
| <i>Substance ID:</i> | | | 120836 | | | |
| <i>Name:</i> | | | CHLOROTOLUENE,p- | | | |
| <i>Alias Name:</i> | | | TOLUENE,p-CHLORO- | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | | 10/01/2002 | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | | -- | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | | -- | | | |
| <i>Medium:</i> | | | Soil | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | | False | | | |
| <i>Owner/Operator:</i> | | | False | | | |
| <i>Lab Data:</i> | | | True | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | | 07/01/1999 | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | | 58.2 ug/kg | | | |
| -- | | | -- | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | | -- | | | |
| <i>Substance ID:</i> | | | 121051 | | | |
| <i>Name:</i> | | | XYLENES | | | |
| <i>Alias Name:</i> | | | DIMETHYLBENZENES | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | | 10/01/2002 | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | | -- | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | | -- | | | |
| <i>Medium:</i> | | | Soil | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | | False | | | |
| <i>Owner/Operator:</i> | | | False | | | |
| <i>Lab Data:</i> | | | True | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | | 07/01/1999 | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | | 184 ug/kg | | | |
| -- | | | -- | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | | -- | | | |
| <i>Substance ID:</i> | | | 121051 | | | |
| <i>Name:</i> | | | XYLENES | | | |
| <i>Alias Name:</i> | | | XYLOLS | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | | 10/01/2002 | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | | -- | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | | -- | | | |
| <i>Medium:</i> | | | Soil | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | | False | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------------|-------------------------|------------------|-------------|-----------|
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 184 ug/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121195 | | | | |
| Name: | | FLUORANTHENE | | | | |
| Alias Name: | | BENZO(jk)FLUORENE | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 32.7 ug/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121195 | | | | |
| Name: | | FLUORANTHENE | | | | |
| Alias Name: | | BENZACENAPHTHENE,1,2- | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 32.7 ug/kg | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121019 | | | | |
| Name: | | PYRENE | | | | |
| Alias Name: | | BENZO(def)PHENANTHRENE | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------|--------------------------|---------------------------|-------------------------|------------------|-------------|-----------|
| Last Updated By: | | | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 35.2 ug/kg | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 121928 | | | | |
| Name: | | TRICHLOROPROPANE, 1,2,3- | | | | |
| Alias Name: | | TRICHLOROHYDRIN | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | -- | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 39.6 ug/kg | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 121928 | | | | |
| Name: | | TRICHLOROPROPANE, 1,2,3- | | | | |
| Alias Name: | | PROPANE, 1,2,3-TRICHLORO- | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 10/01/2002 | | | | |
| Last Updated By: | | -- | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 07/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 39.6 ug/kg | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|--------------------------|------------------|-------------|-----------|
| Substance ID: | | | 121928 | | | |
| Name: | | | TRICHLOROPROPANE,1,2,3- | | | |
| Alias Name: | | | ALLYL TRICHLORIDE | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | | 10/01/2002 | | | |
| Last Updated By: | | | -- | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Soil | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 07/01/1999 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 39.6 ug/kg | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121928 | | | |
| Name: | | | TRICHLOROPROPANE,1,2,3- | | | |
| Alias Name: | | | GLYCEROL TRICHLOROXYDRIN | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | | 10/01/2002 | | | |
| Last Updated By: | | | -- | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Soil | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 07/01/1999 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 39.6 ug/kg | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121252 | | | |
| Name: | | | TRIMETHYLBENZENES | | | |
| Alias Name: | | | BENZENE,TRIMETHYL- | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | | 10/01/2002 | | | |
| Last Updated By: | | | -- | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Soil | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 07/01/1999 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-----------------------------|------------------|-------------|-----------|
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 189 ug/kg | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121774 | | | |
| Name: | | | DICHLOROPROPANE,1,2- | | | |
| Alias Name: | | | DICHLOROPROPANE,alpha,beta- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 11/18/1999 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 08/01/1999 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1.09 - 333 ug/L | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121774 | | | |
| Name: | | | DICHLOROPROPANE,1,2- | | | |
| Alias Name: | | | PROPANE,1,2-DICHLORO- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 11/18/1999 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 08/01/1999 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1.09 - 333 ug/L | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121774 | | | |
| Name: | | | DICHLOROPROPANE,1,2- | | | |
| Alias Name: | | | PROPYLENE CHLORIDE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 11/18/1999 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 08/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 1.09 - 333 ug/L | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121774 | | | | |
| Name: | | DICHLOROPROPANE,1,2- | | | | |
| Alias Name: | | PROPYLENE DICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 11/18/1999 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 08/01/1999 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 1.09 - 333 ug/L | | | | |
| -- | | -- | | | | |
| Admin Action Details | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9459 | | | | |
| Action Category: | | RA | | | | |
| Action: | | PRELIMINARY ASSESSMENT EQUIVALENT | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 04/17/2000 | | | | |
| Completion Date: | | 03/03/2001 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 11/27/2001 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 593 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9443 | | | | |
| Action Category: | | RA | | | | |
| Action: | | NO FURTHER STATE ACTION REQUIRED | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Start Date: | | 06/28/2001 | | | | |
| Completion Date: | | 06/28/2001 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 11/27/2001 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 593 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9409 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Beneficial Water Use Assessment | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 03/23/2001 | | | | |
| Completion Date: | | 06/28/2001 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | gmw | | | | |
| Last Updated: | | 02/07/2002 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 593 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9440 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Letter Agreement | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 04/17/2000 | | | | |
| Completion Date: | | 04/17/2000 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 08/08/2000 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 593 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9425 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE EVALUATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 04/17/2000 | | | | |
| Completion Date: | | 03/03/2001 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 11/27/2001 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 593 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/18/1999 | | | | |
| Completion Date: | | 11/18/1999 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 11/18/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 313 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9519 | | | | |
| Action Category: | | RA | | | | |
| Action: | | VCS Waiting List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/09/1999 | | | | |
| Completion Date: | | 04/17/2000 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 7 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 08/08/2000 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 313 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Narrative | | -- | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | Investigations beginning in May 1990 and continuing through July 2000 have documented releases of hazardous materials at the site. Heavy oil-range petroleum hydrocarbons have been identified in subsurface soils at two locations at the T&CC site. Drainfield soils display spotty occurrence of heavy oil-range petroleum hydrocarbons at concentrations up to 879 mg/kg, while adjacent to the canopy at the northeast corner of the site building, diesel and heavy oil-range TPH are present in a small pocket at a maximum concentration of 58.9 and 119 mg/kg, respectively. In the canopy area, the two TPH fractions (diesel and heavy oil) likely represent the infiltration of surficial spills of waste oils, based on the contaminant distribution and the variety of other constituents present in | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|------------------|--|-----------|
| | | | | | the samples. Common solvents used in auto-repair shops, including 2-butanone (methyl ethyl ketone), chlorotoluenes, benzenes (dichlorobenzene, ethylbenzene, propylbenzene and trimethylbenzenes), toluenes (chlorotoluenes and isopropyl toluene) and xylenes, were present in the sample with the highest TPH concentrations prior to removal to install the canopy footing. Also detected were two PAHs (fluoranthene and pyrene) typical in heavy TPH fractions. | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: Last Updated: 12/17/2002 -- Narrative -- Narrative Code: 1901 Description: Data Sources Comment: 1) January 2001 Prowell Environmental, Inc. 2000 Annual Remedial Action Performance Report; 2) December 2000 Northwest Geotech, Inc. Records Review Letter Report; 3) July 2000 Northwest Geotech, Inc. Waste Oil Cleanup Report for Town & Country Chevrolet; 4) September 1999 Northwest Geotech, Inc. Additional Phase II Environmental Site Assessment Report for Town & Country Chevrolet; 5) August 1999 Northwest Geotech, Inc. Phase I and II Environmental Site Assessment Reports for Town & Country Chevrolet; 6) February 1998 EMCON Feasibility Study for the Carlton Company Site; 7) June 1997 Fluor Daniel GTI Phase I Environmental Site Assessment for Bob Frink Chevrolet; 8) May 1996 Dames & Moore Geoprobe Groundwater Investigation for Riverside Jeep-Eagle; 9) April 1995 TNCC, Inc. UST Decommissioning Report for Bob Frink Chevrolet; 10) January 1994 TNCC, Inc. UST Decommissioning Report for Bob Frink Chevrolet; 11) May 1990 Sweet-Edwards/EMCON, Inc. Phase II Environmental Assessment for Bob Frink Chevrolet; 12) November 1989 Sweet-Edwards/EMCON, Inc. Phase I Environmental Assessment for Bob Frink Chevrolet.</p> | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: GWISTAR Last Updated: 09/21/2005 -- Narrative -- Narrative Code: 1905 Description: Land Use (Current/Reasonably Likely) Comment: Auto dealership; commercial land use. There is 1,2-dichloropropane in site groundwater above residential risk levels for volatilization to indoor air (0.16 mg/l); therefore, use of the site must remain the same to avoid the possibility of human exposure above safe levels in the future. A future land use analysis done for the site establishes that commercial uses are likely to remain into the future in the site vicinity, based on communications with the Clackamas County Planning and Zoning Department and the current property owner/operator.</p> | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: Last Updated: 12/17/2002 -- Narrative -- Narrative Code: 1910 Description: Project Activity Status Comment: PROJECT FILE ARCHIVED, BOX #272839195 Created By: GWISTAR Created Date: 09/21/2005 Last Updated By: GWISTAR Last Updated: 09/21/2005 -- Narrative -- Narrative Code: 1911 Description: Pathways & Other Hazards Comment: DEQ risk-based concentrations (RBCs) and EPA Region IX Preliminary Remediation Goals (PRGs) were used as conservative screening values for pathway-specific analyses of site risk. Of the constituents present in the most heavily impacted sample (collected at a depth of 0.5 feet in the canopy footing excavation), only 1,2,3-trichloropropane is present at a level that would be of concern in soils. Other compounds are present at 2 or more orders of magnitude below conservative screening values for ingestion, inhalation or dermal contact. Although the concentration of 1,2,3-trichloropropane, at 0.039 mg/kg, exceed conservative screening criteria for volatilization to outdoor air, vapor intrusion to indoor air, and surface soil ingestion/dermal contact/inhalation of industrial soils, this sample was collected from material removed to install the canopy footing. Currently, the potential for direct exposure to soils is low since the site is completely paved or covered by structures. Direct exposure to contaminated soils under the current land use would be limited to the installation of trenches created to repair existing/install new utilities. However, contaminant levels in soils from the canopy footing do not exceed</p> | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------|-------------------|-----------|--|-----------|---|----|
| | | | | | <p>conservative screening criteria for direct contact/ingestion/inhalation (DEQ RBCs or EPA Region IX PRGs) for identified compounds in a non-residential setting and therefore do not present unacceptable risk under the current and reasonably likely future land use scenario. Some of the contaminants identified at the site are considered volatile, and there is a possibility that exposure to contaminants could occur if vapors migrate to indoor or outdoor air. No volatile constituents were detected in petroleum impacted soils in the former drainfield. 1,2,3-trichloropropane is the only volatile constituent that exceeds conservative screening criteria (DEQ RBCs or EPA Region IX PRGs) for a vapor migration pathway to indoor air in soils from the canopy footing. This concentration is representative of the most heavily impacted material, which was removed during installation of the canopy footing and disposed of off-site. The total petroleum hydrocarbon concentrations (the waste oil of which the 1,2,3-trichloropropane is a component) in this area have been shown to attenuate rapidly with depth and distance laterally. As such, the release of waste oil in the canopy area is considered ?de miniisi. Volatile organic compound analyses were conducted on groundwater samples from nine locations. 1,2-dichloropropane was detected in six of the nine samples at concentrations ranging from 1.09-333 ug/l. The most conservative PRG for 1,2-dichloropropane is 0.16 ug/l for the ingestion/inhalation of contaminants from tap water. 1,2-dichloropropane concentrations in groundwater do not exceed RBCs for volatilization to indoor or outdoor air. Because of the widespread occurrence of this compound, the fact that contamination likely extends into the road right-of-ways along the southern and western edge of the property, and concentrations above conservative screening levels, it was retained as a contaminant of concern for the site. 1,2-dichloropropane exists within groundwater over at least the southwest 1/5th of the property. The contaminant likely extends into the right-of-way along the downgradient edge of the site, but investigations conducted along the margins of downgradient properties indicate that the contaminant does not cross the right-of-ways along Naef Road and McLoughlin Boulevard. The concentrations along the margin of the T&CC uroperty, representative of a worst-case exposure if contaminants have migrated into the right-of-way, range between approximately 1 and 12 ug/l. These concentrations are between one and two orders of magnitude below the DEQ RBC for exposure to 1,2-dichloropropane vapors within an excavation, the only realistic exposure scenario within the right-of-way. The maximum identified concentration in site groundwater is essentially at the level of concern (DEQ RBC) for groundwater exposure in excavations (370 ug/l). The potential threat to likely beneficial uses of groundwater in the area (limited to industrial use of deeper aquifers and surface water recharge) is considered low for the following reasons: 1) the downgradient extent of contamination does not extend beyond the road right-of-ways south and west of the site; 2) extraction of groundwater at the downgradient Carlton Company site has not resulted in migration of this older, stabilized 1,2-dichloropropane plume; 3) there is an upward gradient in the deeper basalt aquifer; 4) shallow groundwater in the region has been demonstrated to be primarily used for residential irrigation, whereas the area downgradient of the site is dominated by commercial and light industrial use (based on the Carlton Company beneficial water use determination); and 5) impacts to surface water bodies or ecological receptors would not be anticipated, since the nearest point of discharge would be at the springs located at least 0.5 mile downgradient of the site. There is no significant wildlife habitat and no ecological receptors have been noted within the Locality of Facility (LOF). Residual petroleum impacted soils do not pose a risk to human health or the environment based on current site conditions. However, if these soils are exposed by excavation or otherwise brought to the surface, the current owner/operator must ensure that the material is handled and managed in accordance with all applicable regulations.</p> | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | | 12/17/2002 | | | |
| -- | | | -- | | | |
| Narrative | | | | | | |
| -- | | | -- | | | |
| Narrative Code: | | | 1914 | | | |
| Description: | | | Remedial Action | | | |
| Comment: | | | (11/17/99 JMW/SAP) Added to the Voluntary Cleanup Waiting List. Seeks No Further Action (NFA). (4/17/00 DJP/VCS) Letter Agreement signed; DEQ is evaluating site under Voluntary Cleanup Program. (11/1/01 DJP/VCP) A 10,000-gallon gasoline fiberglass UST was decommissioned along the eastern edge of the Bob Frink Chevrolet Dealership building in January 1994. Diesel-range petroleum hydrocarbons (340 mg/kg) and minor concentrations of the constituents toluene (0.3 mg/kg), ethylbenzene (1.1 mg/kg), and xylenes (6.3 mg/kg) were detected in a soil sample collected under the gasoline dispenser. Two cubic yards of contaminated soil were excavated, and transported to TPST Soil Recycling for treatment. After soil removal, no groundwater was encountered in the dispenser excavation and no contamination was detected in confirmatory samples analyzed for diesel-range hydrocarbons. Groundwater was encountered in the main UST excavation, but no contamination was detected in soil samples collected from the excavation sidewalls or a groundwater sample from the UST excavation. DEQ's UST Program issued a no-further-action letter for the 10,000-gallon gasoline UST decommissioning and subsequent cleanup in September 1999. The 550-gallon fiberglass UST was decommissioned immediately north of service bay doors in April 1995. Waste oil contamination was discovered during the decommissioning. Approximately 40 tons of contaminated soil were excavated and taken to TPST Soil Recycling for treatment. After soil removal, no contamination was detected in the excavation. No benzene, toluene ethylbenzene or xylenes (BTEX), halogenated volatile organic compounds (VOCs), leachable metals, or polychlorinated biphenyls (PCBs) were detected in the contaminated soil. Groundwater was encountered during the cleanup, but no polynuclear aromatic hydrocarbons (PAHs) were detected in groundwater in excess of the cleanup criteria. DEQ's UST Program issued a no-further-action letter for the 550-gallon waste oil cleanup in July 1999. Town & Country Chevrolet purchased the facility in October 1999 and only minor remodeling has occurred since then. The T&CC facility is located in an area composed of commercial use properties to the north (Vineyard Plaza), west (office | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|----------------------------|-------------------|-----------|--------------------|-----------|--|------|
| | | | | | <p>complex, Les Schwab Tire Co. and Carlton Co.), and south (Town & Country Chrysler/Plymouth) and John Link Pontiac (formerly Riverside Jeep/Eagle). To the east, land use is primarily residential and the nearest residences are located on property immediately adjoining the site to the northeast. The Carlton Co. facility (ECSI #1035) is approximately 400 feet west-southwest of the T&CC property. The company used trichloroethene (TCE) in degreasing operations from 1974 to 1987. A release of VOCs from an UST was reported to DEQ in 1989. Groundwater at the site is contaminated with 1,1-dichloroethylene (1,1-DCE), perchloroethene (PCE), TCE, and vinyl chloride (VC). Groundwater flows south-southwest in the vicinity of the Carlton facility. Groundwater beneath the office complex between the T&CC property and the Carlton site, along with the former Riverside Jeep/Eagle site (16803 SE McLoughlin Boulevard - approximately 100 feet southwest of T&CC) have been found to be impacted by PCE and TCE. The exact source of these VOCs has not been determined, though migration via utilities along the western margin of SE McLoughlin Boulevard and the northern margin of SE Naef Road is indicated. The investigation of this area continues under the file name McNeaf (ECSI #2560). Although some of the contaminants of concern at these two sites have been used at the T&CC property, none of these contaminants have been identified in investigations conducted at the site. A soil cleanup was conducted for a release of waste oil at Riverside Jeep/Eagle in 1995. DEQ issued a No Further Action letter for the cleanup and no impacts to the T&CC property are anticipated.</p> <p>Created By: Created Date: 12/17/2002 Last Updated By: GWISTAR Last Updated: 06/27/2003 -- Narrative -- Narrative Code: 1919 Description: Water Use (Current/Reasonably Likely) Comment: As established in the Land Use Determination, Beneficial Water Use Survey prepared by Northwest Geotech, Inc. for T&CC, the Locality of Facility for the T&CC site includes the known footprint of 1,2-dichloropropane in groundwater based on the existing monitoring well network and information from temporary sampling points, and extends toward the property edge along SE Naef Road and into the right of way along SE McLoughlin Blvd. Because the concentrations of 1,2-dichloropropane exceed risk-based concentrations for use as drinking water, DEQ asked T&CC to prepare a beneficial water use determination (BWUD) for the site to assure that exposure via the use of shallow groundwater within the LOF does not occur. Northwest Geotech, Inc. prepared a BWUD within the LOF based on yield, natural water quality, current and likely future water use. DEQ agrees with the determination that there are no existing or likely future beneficial uses within the LOF that would be impacted by the release.</p> <p>Created By: Created Date: 12/17/2002 Last Updated By: Last Updated: 12/17/2002 -- Narrative -- Narrative Code: 1921 Description: Site History Comment: (11/1/01 DJP/VCP) Farm land from the early 1900s until 1954, when purchased by Fruehauf Trailer Company for use as a trailer repair and maintenance facility. Fruehauf used a leach field to dispose of sanitary waste prior to connection to the Oak Lodge Sanitary District system. In 1963, a 500-gallon waste oil tank, an oil/water separator, a 600-gallon gasoline UST and a 300-gallon heating oil UST were installed. Facility purchased by Bob Frink in 1988, and in 1989 the existing building was demolished and at least two USTs were decommissioned. A new building was constructed in 1989 as part of the Bob Frink Chevrolet Dealership and remains at the site. Two USTs were used at the site to store oil (550-gallon capacity) and gasoline (10,000-gallon capacity) for refueling of vehicles (UST Facility ID No. 2079).</p> <p>Created By: GWISTAR Created Date: 06/27/2003 Last Updated By: GWISTAR Last Updated: 06/27/2003 --</p> | |
| 120 | 1 of 1 | SSE | 0.65 / 3,434.68 | 114.80 | McNeaf McLoughlin Blvd. & Naef Rd. Oak Grove OR 97268 | ECSI |
| Site ID: | 2560 | | | | Created on Dt: 04/14/2000 | |
| Investi Status: | Suspect | | | | Last Update Dt: 10/06/2015 | |
| Furth Act Priority: | 0 | | | | Site Alias Name: | |
| CERCLIS NO: | | | | | Range Coord: 1.00 | |
| NPL?: | False | | | | Range Zone: E | |
| Legis Fund Code: | 838 | | | | Section Coord: 13 | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|----------------------|-------------------------|------------------|-----------------------|-----------|
| Brownfield Desc: | 0 | | | | Qtr Sec Coord: | AA |
| Study Area Flag: | False | | | | Display Order: | 0 |
| Orphan Flag: | True | | | | Lat Decimal: | 45.4016 |
| Score Value: | | | | | Lat Degrees: | 45 |
| Tax Lots: | | | | | Lat Minutes: | 24 |
| Size: | | | | | Lat Seconds: | 6.00 |
| FACA Identifier: | 40900 | | | | Long Decimal: | -122.6211 |
| County Name: | | | | | Long Degrees: | -122 |
| Region: | Northwest Region | | | | Long Minutes: | 37 |
| Town S Coord: | 2.00 | | | | Long Seconds: | 16.00 |
| Township Zone: | S | | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRI-CLENE | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 04/14/2000 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/03/1995 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 340 ug/L | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TCE | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 04/14/2000 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/03/1995 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 340 ug/L | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TRICHLORIDE | | | | |
| Description: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|---------------------|-------------------------|------------------|-------------|-----------|
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | 04/14/2000 | | | | |
| <i>Last Updated By:</i> | | -- | | | | |
| <i>--</i> | | -- | | | | |
| <i>Sampling Result</i> | | | | | | |
| <i>--</i> | | -- | | | | |
| <i>Medium:</i> | | Groundwater | | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | False | | | | |
| <i>Owner/Operator:</i> | | False | | | | |
| <i>Lab Data:</i> | | True | | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | 10/03/1995 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | 340 ug/L | | | | |
| <i>--</i> | | -- | | | | |
| <i>Hazard Release</i> | | | | | | |
| <i>--</i> | | -- | | | | |
| <i>Substance ID:</i> | | 121781 | | | | |
| <i>Name:</i> | | TRICHLOROETHYLENE | | | | |
| <i>Alias Name:</i> | | ETHINYL TRICHLORIDE | | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | 04/14/2000 | | | | |
| <i>Last Updated By:</i> | | -- | | | | |
| <i>--</i> | | -- | | | | |
| <i>Sampling Result</i> | | | | | | |
| <i>--</i> | | -- | | | | |
| <i>Medium:</i> | | Groundwater | | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | False | | | | |
| <i>Owner/Operator:</i> | | False | | | | |
| <i>Lab Data:</i> | | True | | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | 10/03/1995 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | 340 ug/L | | | | |
| <i>--</i> | | -- | | | | |
| <i>Hazard Release</i> | | | | | | |
| <i>--</i> | | -- | | | | |
| <i>Substance ID:</i> | | 121781 | | | | |
| <i>Name:</i> | | TRICHLOROETHYLENE | | | | |
| <i>Alias Name:</i> | | TRICHLOROETHENE | | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | | | | |
| <i>Dates Comment:</i> | | | | | | |
| <i>Last Updated:</i> | | 04/14/2000 | | | | |
| <i>Last Updated By:</i> | | -- | | | | |
| <i>--</i> | | -- | | | | |
| <i>Sampling Result</i> | | | | | | |
| <i>--</i> | | -- | | | | |
| <i>Medium:</i> | | Groundwater | | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | False | | | | |
| <i>Owner/Operator:</i> | | False | | | | |
| <i>Lab Data:</i> | | True | | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | 10/03/1995 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | 340 ug/L | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|------------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | TETRACHLOROETHYLENE,1,1,2,2- | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | | 04/14/2000 | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 10/22/1996 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 7.9 ug/L | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | TETRACHLOROETHENE | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | | 04/14/2000 | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 10/22/1996 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 7.9 ug/L | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | PERCLENENE | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | | 04/14/2000 | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------------|-------------------------|------------------|-------------|-----------|
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1996 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 7.9 ug/L | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | PERCHLOROETHYLENE | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 04/14/2000 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1996 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 7.9 ug/L | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TETRACHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 04/14/2000 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1996 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 7.9 ug/L | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | ETHENE, TETRACHLORO- | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 04/14/2000 | | | | |
| Last Updated By: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1996 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 7.9 ug/L | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | TETRACHLOROETHENE,1,1,2,2- | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| Dates Comment: | | | | | | |
| Last Updated: | | 04/14/2000 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1996 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 7.9 ug/L | | | | |
| -- | | -- | | | | |
| Admin Action Details | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 04/14/2000 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 05/16/2000 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 313 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9425 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE EVALUATION | | | | |
| Active: | | True | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 01/01/2000 | | | | |
| Completion Date: | | 04/27/2000 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Limited sampling to monitor known area of contamination. | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 10/23/2014 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9453 | | | | |
| Action Category: | | RA | | | | |
| Action: | | ORPHAN SITE | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 04/27/2000 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | KDANA | | | | |
| Last Updated: | | 02/25/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9413 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Closeout activities on completed project | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 12/28/2006 | | | | |
| Completion Date: | | 12/28/2006 | | | | |
| Sub Program Code: | | ORP | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Inactive orphan. | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 12/30/2014 | | | | |
| Created By: | | GWISTAR | | | | |
| Created Date: | | 12/30/2014 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | (2/3/2003 DAB/SRP) In September 1989, Carlton Company (ECSI #1035) removed two underground storage tanks from their property. The tanks had held waste oil and trichloroethene (TCE). Groundwater contamination was | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|------------------|---|---|
| | | | | | discovered during the decommissioning, and Carlton joined DEQ's Site Response Program. Carlton eventually installed a hydraulic containment system to prevent the groundwater from migrating off-site and impacting downgradient domestic wells. At the same time, in 1994, a separate groundwater investigation was underway at the adjacent Riverside Jeep-Eagle site (ECSI #1666). That investigation found two plumes of TCE migrating onto the site. The Western Plume was attributed to the Carlton site. But the Eastern Plume, which appeared to originate from beneath the McLoughlin Blvd./Naef Rd. intersection, could not be attributed to any known source of contamination. | |
| | | | | | Created By: | |
| | | | | | Created Date: | 12/17/2002 |
| | | | | | Last Updated By: | KDANA |
| | | | | | Last Updated: | 02/25/2003 |
| | | | | | -- | -- |
| | | | | | Narrative | |
| | | | | | -- | -- |
| | | | | | Narrative Code: | 1902 |
| | | | | | Description: | General Site Description |
| | | | | | Comment: | Located adjacent to a high priority cleanup site, Carlton Company. |
| | | | | | Created By: | |
| | | | | | Created Date: | 12/17/2002 |
| | | | | | Last Updated By: | |
| | | | | | Last Updated: | 12/17/2002 |
| | | | | | -- | -- |
| | | | | | Narrative | |
| | | | | | -- | -- |
| | | | | | Narrative Code: | 1903 |
| | | | | | Description: | Hazardous Substance/Waste Types |
| | | | | | Comment: | Trichloroethene (TCE) |
| | | | | | Created By: | |
| | | | | | Created Date: | 12/17/2002 |
| | | | | | Last Updated By: | |
| | | | | | Last Updated: | 12/17/2002 |
| | | | | | -- | -- |
| | | | | | Narrative | |
| | | | | | -- | -- |
| | | | | | Narrative Code: | 1907 |
| | | | | | Description: | Manner of Release |
| | | | | | Comment: | unknown |
| | | | | | Created By: | |
| | | | | | Created Date: | 12/17/2002 |
| | | | | | Last Updated By: | DBAILEY |
| | | | | | Last Updated: | 03/16/2005 |
| | | | | | -- | -- |
| | | | | | Narrative | |
| | | | | | -- | -- |
| | | | | | Narrative Code: | 1914 |
| | | | | | Description: | Remedial Action |
| | | | | | Comment: | (2/3/2003 DAB/SRP) A Record of Decision was signed for the Carlton site in 1999. The final cleanup strategy incorporated the hydraulic containment system to help capture and treat contaminated groundwater. However, modeling showed that extracting the contaminated groundwater might pull the Eastern Plume in towards Carlton. Because Carlton did not want to be responsible for the ***McNaef*** plume, and because the source of the plume was unknown, DEQ designated the plume as an Orphan Site in April 2000. Since April 2000, DEQ has sampled monitoring wells at Carlton and Riverside Jeep-Eagle each year to determine how and if the McNaef plume is being affected by the remediation at Carlton. Samples were collected in April 2002 for the third sampling event. Concentrations of chlorinated volatiles are down in the low parts per billion and frequently they are not detected. No further groundwater sampling is proposed for the project. (3/16/05 DAB/SRS) Surface water sampling was performed in November 2004. Following receipt of the data, DEQ prepared a report on the investigation. The concentrations in the seeps are below the risk-based concentrations for surface water. The project will remain an inactive orphan site pending conclusions on the adjacent cleanup site, Carlton Company. |
| | | | | | Created By: | |
| | | | | | Created Date: | 12/17/2002 |
| | | | | | Last Updated By: | DBAILEY |
| | | | | | Last Updated: | 12/28/2006 |
| | | | | | -- | -- |
| | | | | | Narrative | |
| | | | | | -- | -- |
| | | | | | Narrative Code: | 1917 |
| | | | | | Description: | Health Threats |
| | | | | | Comment: | Residential drinking water wells are located downgradient of the site. |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------|-------------------|------------|------------------|-----------|------|----|
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | 12/17/2002 | | | | |
| -- | | | | | | |

| | | | | | | |
|---------------------|--------|---|--------------------|-------|--|-----|
| 121 | 1 of 2 | S | 0.69 / 3,627.84 | 93.70 | Carlton Co. 3901 SE Naef Rd Oak Grove OR 97268 | CRL |
|---------------------|--------|---|--------------------|-------|--|-----|

| | | | |
|------------------------------------|-----------------------------|-----------------------|-----------|
| Site ID: | 1035 | Latitude: | 45.4014 |
| Legis Fund Cd: | 831 | Longitude: | -122.6231 |
| Display Order: | 0 | Lat Decimal: | 45.4014 |
| FACA Identifier: | 1101 | Lat Degrees: | 45 |
| Study Area Flag: | False | Lat Minutes: | 24 |
| Score Value: | | Lat Seconds: | 5.00 |
| CERCLIS No: | | Long Decimal: | -122.6231 |
| Tax Lots: | 21E-13A-00722 | Long Degrees: | -122 |
| Size: | 7.5 acres | Long Minutes: | 37 |
| NPL?: | False | Long Seconds: | 23.20 |
| Orphan?: | False | Geoloc ID: | 1101 |
| Last Upd by Init: | GWISTAR | County Code: | 3.00 |
| Last Update Dt: | 09/27/2016 | County Name: | Clackamas |
| Created by Init: | CONV | Town S Coord: | 2.00 |
| Created on Dt: | 07/01/1990 | Township Zone: | S |
| Region Code ID: | 2 | Range Coord: | 1.00 |
| Region Code: | NWR | Range Zone: | E |
| Region: | Northwest Region | Section Coord: | 13 |
| Brwnfld Cd ID: | 0 | Qtr Sec Coord: | |
| Brownfield Cd: | 0 | Brownfield: | 0 |
| Invest Status Code ID: | 207 | | |
| Invest Status Code: | LIS | | |
| Investi Status: | Listed on the CRL/Inventory | | |
| Furth Act Priority Code ID: | 0 | | |
| Furth Act Priority Code: | 0 | | |
| Furth Act Priority: | 0 | | |
| Status Code: | LIS | | |
| Status: | REMEDIAL INVESTIGATION | | |

--Details--

Alias name: Carlton Sawchain

Alias name: Carlton Blount

Site Control

| | |
|-----------------------------|--|
| Control: | Deed Notice |
| Group: | Informational Devices |
| Begin Date: | 05/20/1999 |
| End Date: | |
| Frequency of Review: | 60 |
| Control Comment: | No frequency of review required in the ROD. Notice warning of potential soil contamination beneath the former UST. |
| Last Reviewed By: | D. Bailey |
| Last Reviewed Date: | |
| Last Updated By: | DBAILEY |
| Last Updated Date: | 06/23/2004 |
| Control: | Use Restriction Groundwater |
| Group: | Proprietary |
| Begin Date: | 05/20/1999 |
| End Date: | |
| Frequency of Review: | 60 |
| Control Comment: | Restrictive covenants prohibiting use of groundwater from the alluvial aquifers. |
| Last Reviewed By: | D. Bailey |
| Last Reviewed Date: | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-----------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Last Updated By: | | DBAILEY | | | | |
| Last Updated Date: | | 06/23/2004 | | | | |
| -- | | -- | | | | |
| Control: | | Periodic monitoring & reporting, other categories | | | | |
| Group: | | Long-Term Controls | | | | |
| Begin Date: | | 05/20/1999 | | | | |
| End Date: | | | | | | |
| Frequency of Review: | | 60 | | | | |
| Control Comment: | | Periodic review of land and water uses for the site and site vicinities every five years. | | | | |
| Last Reviewed By: | | D. Bailey | | | | |
| Last Reviewed Date: | | | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated Date: | | 06/23/2004 | | | | |
| -- | | -- | | | | |
| Operation Details | | | | | | |
| -- | | -- | | | | |
| Operation ID: | | 132344 | | | | |
| Operation Status: | | Active | | | | |
| Common Name: | | Carlton Co. | | | | |
| Years of Operation: | | 1974 to present | | | | |
| Operation Comment: | | Chainsaw chain manufacturer (TCE degreaser used in the manufacturing process from 1974 to 1987). | | | | |
| Process: | | | | | | |
| Process Comments: | | | | | | |
| SIC Codes: | | 3546 | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHINYL TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRICHLOROETHENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRI-CLENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TCE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Admin Action Details | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9486 | | | | |
| Action Category: | | RA | | | | |
| Action: | | RISK ASSESSMENT | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/19/1990 | | | | |
| Completion Date: | | 10/28/1993 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmd | | | | |
| Last Updated: | | 11/18/1996 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9473 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL DESIGN | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 04/25/2000 | | | | |
| Completion Date: | | 08/13/2002 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Comment: | | | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 01/23/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9412 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Consent Order | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 05/05/1999 | | | | |
| Completion Date: | | 04/25/2000 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Consent Order Addendum. | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 05/02/2000 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9494 | | | | |
| Action Category: | | RA | | | | |
| Action: | | RECORD OF DECISION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 04/01/1998 | | | | |
| Completion Date: | | 05/05/1999 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 12/09/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9412 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Consent Order | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/19/1990 | | | | |
| Completion Date: | | 11/19/1990 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Last Updated: | | 08/21/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 07/01/1990 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 03/17/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 224 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9425 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE EVALUATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/18/1990 | | | | |
| Completion Date: | | 11/18/1990 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 11/27/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9503 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Remedial Investigation/Feasibility Study recommended | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/18/1990 | | | | |
| Completion Date: | | 11/18/1990 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 04/05/1995 | | | | |
| Created By: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9491 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMOVAL | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 01/01/1994 | | | | |
| Completion Date: | | 09/01/1998 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 11/18/1998 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9448 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Review for final listing | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/12/1991 | | | | |
| Completion Date: | | 11/12/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9488 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing on Confirmed Release List recommended | | | | |
| Active: | | False | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/12/1991 | | | | |
| Completion Date: | | 11/12/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---------------------------------------|-------------------------|------------------|-------------|-----------|
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9459 | | | | |
| Action Category: | | RA | | | | |
| Action: | | PRELIMINARY ASSESSMENT EQUIVALENT | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/16/1991 | | | | |
| Completion Date: | | 06/16/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 11/27/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9515 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE SCORING | | | | |
| Active: | | False | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 09/25/1992 | | | | |
| Completion Date: | | 09/25/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9428 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Extension requested by owner/operator | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/23/1992 | | | | |
| Completion Date: | | 11/23/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Ltr dated 11/17/92 from CH2M Hill | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Action Code: | | 9430 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Petition or request granted | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/24/1992 | | | | |
| Completion Date: | | 11/24/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9429 | | | | |
| Action Category: | | RA | | | | |
| Action: | | FEASIBILITY STUDY | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/19/1990 | | | | |
| Completion Date: | | 02/02/1998 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 05/02/2000 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9484 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL INVESTIGATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/19/1990 | | | | |
| Completion Date: | | 10/28/1993 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 11/27/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9437 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Action Category: | | LIST | | | | |
| Action: | | Listing Review completed | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/17/1991 | | | | |
| Completion Date: | | 06/17/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9465 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/24/1991 | | | | |
| Completion Date: | | 06/24/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9467 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Inventory | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/24/1991 | | | | |
| Completion Date: | | 06/24/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9498 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Proposal for Confirmed Release List recommended | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/17/1991 | | | | |
| Completion Date: | | 06/17/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9499 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Proposal for Inventory recommended | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/17/1991 | | | | |
| Completion Date: | | 06/17/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9489 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing on Inventory recommended | | | | |
| Active: | | False | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/12/1991 | | | | |
| Completion Date: | | 11/12/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9438 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility placed on Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/20/1991 | | | | |
| Completion Date: | | 11/20/1991 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 2319 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9439 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility placed on Inventory | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/20/1991 | | | | |
| Completion Date: | | 11/20/1991 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 2319 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9442 | | | | |
| Action Category: | | RA | | | | |
| Action: | | NEGOTIATIONS | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 05/01/1990 | | | | |
| Completion Date: | | 07/02/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 11/27/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9469 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL ACTION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Start Date: | | 08/13/2002 | | | | |
| Completion Date: | | 07/01/2003 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 11/28/2005 | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 01/23/2003 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9450 | | | | |
| Action Category: | | RA | | | | |
| Action: | | OPERATION & MAINTENANCE | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 07/02/2003 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 08/05/2008 | | | | |
| Created By: | | DBAILEY | | | | |
| Created Date: | | 11/28/2005 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9409 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Beneficial Water Use Assessment | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 03/01/1998 | | | | |
| Completion Date: | | 05/05/1999 | | | | |
| Sub Program Code: | | | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/13/2006 | | | | |
| Created By: | | DBAILEY | | | | |
| Created Date: | | 03/13/2006 | | | | |
| Emp ID: | | 0 | | | | |
| Admin Region: | | 0 | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9484 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL INVESTIGATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 01/01/2008 | | | | |
| Completion Date: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Additional investigation is in progress to address new issues identified for the site including deeper groundwater contamination and groundwater contamination under the building. | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 12/06/2012 | | | | |
| Created By: | | DBAILEY | | | | |
| Created Date: | | 11/24/2009 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | (5/8/03 DAB/SRS) Soil and groundwater contamination were discovered after two 10-year-old underground storage tanks containing TCE and waste oil were removed in 9/89. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1901 | | | | |
| Description: | | Data Sources | | | | |
| Comment: | | NWR files | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1903 | | | | |
| Description: | | Hazardous Substance/Waste Types | | | | |
| Comment: | | 1,1-DCE, PCE, TCE, vinyl chloride | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1907 | | | | |
| Description: | | Manner of Release | | | | |
| Comment: | | Leaking underground storage tank; releases under building, source unknown; time of release unknown. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1908 | | | | |
| Description: | | Media Contamination | | | | |
| Comment: | | Sampling data are available in several documents in the Carlton Project File including the Remedial Investigation Report (6/92) and Annual Reports (2000 through 2013), Additional Investigation and remediation reports. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------|--------------------------|------------------|--|------------------|-------------|-----------|
| Narrative Code: | | | 1911 | | | |
| Description: | | | Pathways & Other Hazards | | | |
| Comment: | | | A groundwater hydraulic containment system is operating at the site. The system is managing groundwater contamination to eliminate contaminant migration to the residential property downgradient. Groundwater is used for drinking water in the residential area. The system has reduced the contaminant concentrations in the surface water exiting the site. Deep groundwater contamination concentrations may be of concern. Additional contamination was discovered under the building. Additional investigations have been performed. A remedial action to address the contamination has been implemented. A soil vapor extraction system is operating, an in-site chemical oxidation system is being implemented and enhanced bioremediation will be implemented in the future. Following implementation and groundwater monitoring, actions to address the deeper groundwater contamination will be considered, if necessary. | | | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Last Updated By: | | | DBAILEY | | | |
| Last Updated: | | | 03/31/2014 | | | |
| -- | | | -- | | | |
| Narrative | | | -- | | | |
| -- | | | -- | | | |
| Narrative Code: | | | 1912 | | | |
| Description: | | | Project Type | | | |
| Comment: | | | Consent Order, State lead. | | | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | | 12/17/2002 | | | |
| -- | | | -- | | | |
| Narrative | | | -- | | | |
| -- | | | -- | | | |
| Narrative Code: | | | 1914 | | | |
| Description: | | | Remedial Action | | | |
| Comment: | | | (5/8/03 DAB/SRS) A Consent Order for a phased RI/FS was signed in 11/19/91. The Phase I RI was completed 6/92; the Baseline Risk Assessment was completed 7/93. A one year hydraulic containment pilot test was conducted from 3/94 to 3/95. The final pilot test report was received 5/95. The hydraulic containment system was installed and became operational in February 1997. The Feasibility Study was completed in February 1998. The ROD was signed on May 20, 1999. The Consent Order addendum for the remedial action/remedial design was signed on April 25, 2000. The Remedial Design/Remedial Action Work Plan was approved in August 2000. The Dual Phase Extraction System Design Plan was approved August 13, 2002, and the system was installed. The operational start up phase continued through early 2003. (DAB6/04) An additional extraction well was installed in 2002, to augment the hydraulic containment system. Contamination found in that well resulted in the installation of four additional monitoring wells, two shallow and two intermediate depth, in spring 2004 in the area called the Qff Basin downgradient of the new extraction well. Contamination was not found in these wells. (3/25/05 DAB/SRS) Annual reports are submitted every year providing data and analysis on the operation and maintenance of the remedy at the site. (12/29/05) The Five Year Review for the project was submitted and approved in 2006. Additional measures have been initiated at the site. A bioremediation pilot study was completed in 2006 and the full scale operation was implemented including a biowall. The dual phase extraction system was discontinued. Two deep groundwater wells were installed in 2006 and contamination was found in the deeper groundwater. Indoor air sampling was performed in 2008 to address the air pathway.(11/09) Investigation activities including collection of air data inside the building and subslab and groundwater data from under the building were performed in August 2009. The investigation results suggested that the primary medium of concern remained groundwater. Additional source are remediation (in-situ bioremediation) was implemented in 2009. Concentrations in the tank source area have dropped. Requirements for additional investigation in groundwater were identified in early 2010. (1/11 DAB) Additional deep groundwater investigation, including installation of additional monitoring wells, was completed in mid 2010. the need for further investigation was identified. (12/2011) The 2011 annual report will provide a description of the shallow groundwater and soil gas data collected in 2011 and recommendations to address the shallow groundwater contamination under the building. After implementation of the additional shallow groundwater remediation potential actions for the deeper groundwater will be discussed. (3/2014) Annual reports have continued to be prepared for the project. Additional action has been proposed and authorized to address contamination found in shallow groundwater under the building. The additional action includes soil vapor extraction, in-situ chemical oxidation and enhanced bioremediation. (5/2015) All three technologies have been implemented at the property and remain in progress. | | | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Last Updated By: | | | DBAILEY | | | |
| Last Updated: | | | 10/20/2015 | | | |
| -- | | | -- | | | |
| Narrative | | | -- | | | |
| -- | | | -- | | | |
| Narrative Code: | | | 1916 | | | |
| Description: | | | Substances of Concern | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|-------------------------|-------------------|---|------------------|-----------|------|----|
| Comment: | | TCE, VC, PCE, 1,1-DCE | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | 12/17/2002 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1917 | | | | |
| Description: | | Health Threats | | | | |
| Comment: | | Soil and groundwater contamination; groundwater discharge to surface water. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1922 | | | | |
| Description: | | Current Site Summary Statement | | | | |
| Comment: | | (December 2012) Carlton Company, owned by Blount, Inc. manufactures metal chains for chain saws and performs various metal working technologies in the manufacturing process. The original facility was constructed in 1974 and expanded several times. Trichloroethene (TCE) was used as a degreaser to remove oil and residue from the manufactured from 1974 to 1989. An underground storage tank was used to store spent TCE. Upon decommissioning of the tank, TCE was observed in subsurface soils. A groundwater extraction and treatment system was constructed on the property to prevent groundwater contamination from migrating off the property. The remedial investigation, risk assessment, and feasibility study were completed for the property and a Record of Decision issued in 1999. The groundwater extraction and treatment system continues to operate on the property. Additional investigation was initiated in 2007 when some of the deeper groundwater wells showed increases in volatile organic contaminants (including TCE). An additional cleanup action is in progress to address contamination under the building that was not observed in the initial investigation. | | | | |
| Created By: | | DBAILEY | | | | |
| Created Date: | | 12/06/2012 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 12/06/2012 | | | | |
| -- | | -- | | | | |

[121](#) 2 of 2 S 0.69 / 3,627.84 93.70 Carlton Co. 3901 SE Naef Rd Oak Grove OR 97268 [ECSI](#)

| | | | |
|----------------------------|-----------------------------|-------------------------|----------------------------------|
| Site ID: | 1035 | Created on Dt: | 07/01/1990 |
| Investi Status: | Listed on the CRL/Inventory | Last Update Dt: | 09/27/2016 |
| Furth Act Priority: | 0 | Site Alias Name: | Carlton Blount; Carlton Sawchain |
| CERCLIS NO: | | Range Coord: | 1.00 |
| NPL?: | False | Range Zone: | E |
| Legis Fund Code: | 831 | Section Coord: | 13 |
| Brownfield Desc: | 0 | Qtr Sec Coord: | |
| Study Area Flag: | False | Display Order: | 0 |
| Orphan Flag: | False | Lat Decimal: | 45.4014 |
| Score Value: | | Lat Degrees: | 45 |
| Tax Lots: | 21E-13A-00722 | Lat Minutes: | 24 |
| Size: | 7.5 acres | Lat Seconds: | 5.00 |
| FACA Identifier: | 1101 | Long Decimal: | -122.6231 |
| County Name: | | Long Degrees: | -122 |
| Region: | Northwest Region | Long Minutes: | 37 |
| Town S Coord: | 2.00 | Long Seconds: | 23.20 |
| Township Zone: | S | | |

Site Control

--

Control: Deed Notice

Group: Informational Devices

Begin Date: 05/20/1999

End Date:

Frequency of Review: 60

Control Comment: No frequency of review required in the ROD. Notice warning of potential soil contamination beneath the former

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-----------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| <i>Last Reviewed By:</i> | | UST. | | | | |
| <i>Last Reviewed Date:</i> | | D. Bailey | | | | |
| <i>Last Updated By:</i> | | DBAILEY | | | | |
| <i>Last Updated Date:</i> | | 06/23/2004 | | | | |
| -- | | -- | | | | |
| <i>Control:</i> | | Use Restriction Groundwater | | | | |
| <i>Group:</i> | | Proprietary | | | | |
| <i>Begin Date:</i> | | 05/20/1999 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Frequency of Review:</i> | | 60 | | | | |
| <i>Control Comment:</i> | | Restrictive covenants prohibiting use of groundwater from the alluvial aquifers. | | | | |
| <i>Last Reviewed By:</i> | | D. Bailey | | | | |
| <i>Last Reviewed Date:</i> | | | | | | |
| <i>Last Updated By:</i> | | DBAILEY | | | | |
| <i>Last Updated Date:</i> | | 06/23/2004 | | | | |
| -- | | -- | | | | |
| <i>Control:</i> | | Periodic monitoring & reporting, other categories | | | | |
| <i>Group:</i> | | Long-Term Controls | | | | |
| <i>Begin Date:</i> | | 05/20/1999 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Frequency of Review:</i> | | 60 | | | | |
| <i>Control Comment:</i> | | Periodic review of land and water uses for the site and site vicinities every five years. | | | | |
| <i>Last Reviewed By:</i> | | D. Bailey | | | | |
| <i>Last Reviewed Date:</i> | | | | | | |
| <i>Last Updated By:</i> | | DBAILEY | | | | |
| <i>Last Updated Date:</i> | | 06/23/2004 | | | | |
| -- | | -- | | | | |
| <i>Operation Details</i> | | | | | | |
| -- | | -- | | | | |
| <i>Operation ID:</i> | | 132344 | | | | |
| <i>Operation Status:</i> | | Active | | | | |
| <i>Common Name:</i> | | Carlton Co. | | | | |
| <i>Years of Operation:</i> | | 1974 to present | | | | |
| <i>Operation Comment:</i> | | Chainsaw chain manufacturer (TCE degreaser used in the manufacturing process from 1974 to 1987). | | | | |
| <i>Process:</i> | | | | | | |
| <i>Process Comments:</i> | | | | | | |
| <i>SIC Codes:</i> | | 3546 | | | | |
| -- | | -- | | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | -- | | | | |
| <i>Substance ID:</i> | | 121781 | | | | |
| <i>Name:</i> | | TRICHLOROETHYLENE | | | | |
| <i>Alias Name:</i> | | ETHINYL TRICHLORIDE | | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | unknown | | | | |
| <i>Dates Comment:</i> | | unknown | | | | |
| <i>Last Updated:</i> | | 05/08/2003 | | | | |
| <i>Last Updated By:</i> | | DBAILEY | | | | |
| -- | | -- | | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | -- | | | | |
| <i>Medium:</i> | | Groundwater | | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | False | | | | |
| <i>Owner/Operator:</i> | | False | | | | |
| <i>Lab Data:</i> | | True | | | | |
| <i>Sample Depth:</i> | | MW-10-1 | | | | |
| <i>Start Date:</i> | | 10/03/2002 | | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| <i>Medium:</i> | | Soil | | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | False | | | | |
| <i>Owner/Operator:</i> | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRICHLOROETHENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |
| Release Comment: | | Data Sources | | | | |
| Comment: | | 2002 Annual Performance Report | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TRI-CLENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 05/08/2003 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | MW-10-1 | | | | |
| Start Date: | | 10/03/2002 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | up to 850 ug/kg | | | | |
| -- | | -- | | | | |
| Release Comments | | | | | | |
| -- | | -- | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|------------------|---|------------------|--------------------------------|-----------|
| Release Comment: | | | | | Data Sources | |
| Comment: | | | | | 2002 Annual Performance Report | |
| -- | | | | | -- | |
| Hazard Release | | | | | | |
| -- | | | | | -- | |
| Substance ID: | | | 121781 | | | |
| Name: | | | TRICHLOROETHYLENE | | | |
| Alias Name: | | | TCE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 05/08/2003 | | | |
| Last Updated By: | | | DBAILEY | | | |
| -- | | | | | -- | |
| Sampling Result | | | | | | |
| -- | | | | | -- | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | MW-10-1 | | | |
| Start Date: | | | 10/03/2002 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | up to 3,400 ug/L (up to 73,000 ug/L historically) | | | |
| -- | | | | | -- | |
| Medium: | | | Soil | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | up to 850 ug/kg | | | |
| -- | | | | | -- | |
| Release Comments | | | | | | |
| -- | | | | | -- | |
| Release Comment: | | | | | Data Sources | |
| Comment: | | | | | 2002 Annual Performance Report | |
| -- | | | | | -- | |
| Admin Action Details | | | | | | |
| -- | | | | | -- | |
| Action Code: | | | 9486 | | | |
| Action Category: | | | RA | | | |
| Action: | | | RISK ASSESSMENT | | | |
| Active: | | | True | | | |
| Req Priority Code: | | | False | | | |
| Agency: | | | Department of Environmental Quality | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | | 11/19/1990 | | | |
| Completion Date: | | | 10/28/1993 | | | |
| Sub Program Code: | | | SRS | | | |
| Rank Val: | | | 0 | | | |
| Primary Action: | | | False | | | |
| Clean Up Report: | | | False | | | |
| Comment: | | | | | | |
| Last Updated By: | | | jmd | | | |
| Last Updated: | | | 11/18/1996 | | | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Emp ID: | | | 485 | | | |
| Admin Region: | | | Northwest Region | | | |
| Admin Further Action Priority: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Action Code: | | 9473 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL DESIGN | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 04/25/2000 | | | | |
| Completion Date: | | 08/13/2002 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 01/23/2003 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9412 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Consent Order | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 05/05/1999 | | | | |
| Completion Date: | | 04/25/2000 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Consent Order Addendum. | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 05/02/2000 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9494 | | | | |
| Action Category: | | RA | | | | |
| Action: | | RECORD OF DECISION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 04/01/1998 | | | | |
| Completion Date: | | 05/05/1999 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 12/09/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9412 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Action Category: | | RA | | | | |
| Action: | | Consent Order | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/19/1990 | | | | |
| Completion Date: | | 11/19/1990 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 08/21/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 07/01/1990 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 03/17/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 224 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9425 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE EVALUATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/18/1990 | | | | |
| Completion Date: | | 11/18/1990 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 11/27/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9503 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Remedial Investigation/Feasibility Study recommended | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/18/1990 | | | | |
| Completion Date: | | 11/18/1990 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 04/05/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9491 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMOVAL | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 01/01/1994 | | | | |
| Completion Date: | | 09/01/1998 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 11/18/1998 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9448 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Review for final listing | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/12/1991 | | | | |
| Completion Date: | | 11/12/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9488 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing on Confirmed Release List recommended | | | | |
| Active: | | False | | | | |
| Req Priority Code: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---------------------------------------|-------------------------|------------------|-------------|-----------|
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/12/1991 | | | | |
| Completion Date: | | 11/12/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9459 | | | | |
| Action Category: | | RA | | | | |
| Action: | | PRELIMINARY ASSESSMENT EQUIVALENT | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/16/1991 | | | | |
| Completion Date: | | 06/16/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 11/27/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9515 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE SCORING | | | | |
| Active: | | False | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 09/25/1992 | | | | |
| Completion Date: | | 09/25/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9428 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Extension requested by owner/operator | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Start Date: | | 11/23/1992 | | | | |
| Completion Date: | | 11/23/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Ltr dated 11/17/92 from CH2M Hill | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9430 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Petition or request granted | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/24/1992 | | | | |
| Completion Date: | | 11/24/1992 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9429 | | | | |
| Action Category: | | RA | | | | |
| Action: | | FEASIBILITY STUDY | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/19/1990 | | | | |
| Completion Date: | | 02/02/1998 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmw | | | | |
| Last Updated: | | 05/02/2000 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9484 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL INVESTIGATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/19/1990 | | | | |
| Completion Date: | | 10/28/1993 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 11/27/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | Headquarters | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9437 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing Review completed | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/17/1991 | | | | |
| Completion Date: | | 06/17/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9465 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/24/1991 | | | | |
| Completion Date: | | 06/24/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9467 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Inventory | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/24/1991 | | | | |
| Completion Date: | | 06/24/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9498 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Proposal for Confirmed Release List recommended | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/17/1991 | | | | |
| Completion Date: | | 06/17/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9499 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Proposal for Inventory recommended | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 06/17/1991 | | | | |
| Completion Date: | | 06/17/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9489 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing on Inventory recommended | | | | |
| Active: | | False | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/12/1991 | | | | |
| Completion Date: | | 11/12/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 485 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9438 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility placed on Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/20/1991 | | | | |
| Completion Date: | | 11/20/1991 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 2319 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9439 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility placed on Inventory | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/20/1991 | | | | |
| Completion Date: | | 11/20/1991 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | CONV | | | | |
| Last Updated: | | 09/13/1994 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 2319 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9442 | | | | |
| Action Category: | | RA | | | | |
| Action: | | NEGOTIATIONS | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 05/01/1990 | | | | |
| Completion Date: | | 07/02/1991 | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | dmc | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|------------------|-------------------------------------|------------------|-------------|-----------|
| Last Updated: | | | 11/27/1995 | | | |
| Created By: | | | | | | |
| Created Date: | | | 12/17/2002 | | | |
| Emp ID: | | | 485 | | | |
| Admin Region: | | | Headquarters | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | | -- | | | |
| Action Code: | | | 9469 | | | |
| Action Category: | | | RA | | | |
| Action: | | | REMEDIAL ACTION | | | |
| Active: | | | True | | | |
| Req Priority Code: | | | False | | | |
| Agency: | | | Department of Environmental Quality | | | |
| Further Action Priority Code: | | | 0 | | | |
| Start Date: | | | 08/13/2002 | | | |
| Completion Date: | | | 07/01/2003 | | | |
| Sub Program Code: | | | SRS | | | |
| Rank Val: | | | | | | |
| Primary Action: | | | False | | | |
| Clean Up Report: | | | False | | | |
| Comment: | | | | | | |
| Last Updated By: | | | DBAILEY | | | |
| Last Updated: | | | 11/28/2005 | | | |
| Created By: | | | JWAGGY | | | |
| Created Date: | | | 01/23/2003 | | | |
| Emp ID: | | | 196 | | | |
| Admin Region: | | | Northwest Region | | | |
| Admin Further Action Priority: | | | 0 | | | |
| -- | | | -- | | | |
| Action Code: | | | 9450 | | | |
| Action Category: | | | RA | | | |
| Action: | | | OPERATION & MAINTENANCE | | | |
| Active: | | | True | | | |
| Req Priority Code: | | | False | | | |
| Agency: | | | Department of Environmental Quality | | | |
| Further Action Priority Code: | | | 0 | | | |
| Start Date: | | | 07/02/2003 | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | | SRS | | | |
| Rank Val: | | | | | | |
| Primary Action: | | | False | | | |
| Clean Up Report: | | | False | | | |
| Comment: | | | | | | |
| Last Updated By: | | | GWISTAR | | | |
| Last Updated: | | | 08/05/2008 | | | |
| Created By: | | | DBAILEY | | | |
| Created Date: | | | 11/28/2005 | | | |
| Emp ID: | | | 196 | | | |
| Admin Region: | | | Northwest Region | | | |
| Admin Further Action Priority: | | | 0 | | | |
| -- | | | -- | | | |
| Action Code: | | | 9409 | | | |
| Action Category: | | | RA | | | |
| Action: | | | Beneficial Water Use Assessment | | | |
| Active: | | | True | | | |
| Req Priority Code: | | | False | | | |
| Agency: | | | Department of Environmental Quality | | | |
| Further Action Priority Code: | | | 0 | | | |
| Start Date: | | | 03/01/1998 | | | |
| Completion Date: | | | 05/05/1999 | | | |
| Sub Program Code: | | | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | | False | | | |
| Clean Up Report: | | | False | | | |
| Comment: | | | | | | |
| Last Updated By: | | | DBAILEY | | | |
| Last Updated: | | | 03/13/2006 | | | |
| Created By: | | | DBAILEY | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Created Date: | | 03/13/2006 | | | | |
| Emp ID: | | 0 | | | | |
| Admin Region: | | 0 | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Action Code: | | 9484 | | | | |
| Action Category: | | RA | | | | |
| Action: | | REMEDIAL INVESTIGATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 01/01/2008 | | | | |
| Completion Date: | | | | | | |
| Sub Program Code: | | SRS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Additional investigation is in progress to address new issues identified for the site including deeper groundwater contamination and groundwater contamination under the building. | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 12/06/2012 | | | | |
| Created By: | | DBAILEY | | | | |
| Created Date: | | 11/24/2009 | | | | |
| Emp ID: | | 196 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | (5/8/03 DAB/SRS) Soil and groundwater contamination were discovered after two 10-year-old underground storage tanks containing TCE and waste oil were removed in 9/89. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1901 | | | | |
| Description: | | Data Sources | | | | |
| Comment: | | NWR files | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1903 | | | | |
| Description: | | Hazardous Substance/Waste Types | | | | |
| Comment: | | 1,1-DCE, PCE, TCE, vinyl chloride | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1907 | | | | |
| Description: | | Manner of Release | | | | |
| Comment: | | Leaking underground storage tank; releases under building, source unknown; time of release unknown. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1908 | | | | |
| Description: | | Media Contamination | | | | |
| Comment: | | Sampling data are available in several documents in the Carlton Project File including the Remedial Investigation Report (6/92) and Annual Reports (2000 through 2013), Additional Investigation and remediation reports. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1911 | | | | |
| Description: | | Pathways & Other Hazards | | | | |
| Comment: | | A groundwater hydraulic containment system is operating at the site. The system is managing groundwater contamination to eliminate contaminant migration to the residential property downgradient. Groundwater is used for drinking water in the residential area. The system has reduced the contaminant concentrations in the surface water exiting the site. Deep groundwater contamination concentrations may be of concern. Additional contamination was discovered under the building. Additional investigations have been performed. A remedial action to address the contamination has been implemented. A soil vapor extraction system is operating, an in-site chemical oxidation system is being implemented and enhanced bioremediation will be implemented in the future. Following implementation and groundwater monitoring, actions to address the deeper groundwater contamination will be considered, if necessary. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | DBAILEY | | | | |
| Last Updated: | | 03/31/2014 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1912 | | | | |
| Description: | | Project Type | | | | |
| Comment: | | Consent Order, State lead. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | 12/17/2002 | | | | |
| -- | | -- | | | | |
| Narrative | | -- | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1914 | | | | |
| Description: | | Remedial Action | | | | |
| Comment: | | (5/8/03 DAB/SRS) A Consent Order for a phased RI/FS was signed in 11/19/91. The Phase I RI was completed 6/92; the Baseline Risk Assessment was completed 7/93. A one year hydraulic containment pilot test was conducted from 3/94 to 3/95. The final pilot test report was received 5/95. The hydraulic containment system was installed and became operational in February 1997. The Feasibility Study was completed in February 1998. The ROD was signed on May 20, 1999. The Consent Order addendum for the remedial action/remedial design was signed on April 25, 2000. The Remedial Design/Remedial Action Work Plan was approved in August 2000. The Dual Phase Extraction System Design Plan was approved August 13, 2002, and the system was installed. The operational start up phase continued through early 2003. (DAB6/04) An additional extraction well was installed in 2002, to augment the hydraulic containment system. Contamination found in that well resulted in the installation of four additional monitoring wells, two shallow and two intermediate depth, in spring 2004 in the area called the Qff Basin downgradient of the new extraction well. Contamination was not found in these wells. (3/25/05 DAB/SRS) Annual reports are submitted every year providing data and analysis on the operation and maintenance of the remedy at the site. (12/29/05) The Five Year Review for the project was submitted and approved in 2006. Additional measures have been initiated at the site. A bioremediation pilot study was completed in 2006 and the full scale operation was implemented including a biowall. The dual phase extraction system was discontinued. Two deep groundwater wells were installed in 2006 and contamination was found in the deeper groundwater. Indoor air sampling was performed in 2008 to address the air pathway.(11/09) Investigation activities including collection of air data inside the building and subslab and groundwater data from under the building were performed in August 2009. The investigation results suggested that the primary medium of concern remained groundwater. Additional source are remediation (in-situ bioremediation) was implemented in 2009. Concentrations in the tank source area have dropped. Requirements for additional investigation in groundwater were identified in early 2010. (1/11 DAB) Additional deep groundwater investigation, including installation of additional monitoring wells, was completed in mid 2010. the need for further investigation was identified. (12/2011) The 2011 annual report will provide a description of the shallow groundwater and soil gas data collected in 2011 and recommendations to address the shallow groundwater contamination under the building. After implementation of the additional shallow | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------|-------------------|-----------|------------------|-----------|--|----|
| | | | | | groundwater remediation potential actions for the deeper groundwater will be discussed. (3/2014) Annual reports have continued to be prepared for the project. Additional action has been proposed and authorized to address contamination found in shallow groundwater under the building. The additional action includes soil vapor extraction, in-situ chemical oxidation and enhanced bioremediation. (5/2015) All three technologies have been implemented at the property and remain in progress. | |
| | | | | | <p>Created By: Created Date: 12/17/2002 Last Updated By: DBAILEY Last Updated: 10/20/2015 -- Narrative -- Narrative Code: 1916 Description: Substances of Concern Comment: TCE, VC, PCE, 1,1-DCE Created By: Created Date: 12/17/2002 Last Updated By: Last Updated: 12/17/2002 -- Narrative -- Narrative Code: 1917 Description: Health Threats Comment: Soil and groundwater contamination; groundwater discharge to surface water. Created By: Created Date: 12/17/2002 Last Updated By: DBAILEY Last Updated: 03/31/2014 -- Narrative -- Narrative Code: 1922 Description: Current Site Summary Statement Comment: (December 2012) Carlton Company, owned by Blount, Inc. manufactures metal chains for chain saws and performs various metal working technologies in the manufacturing process. The original facility was constructed in 1974 and expanded several times. Trichloroethene (TCE) was used as a degreaser to remove oil and residue from the manufactured from 1974 to 1989. An underground storage tank was used to store spent TCE. Upon decommissioning of the tank, TCE was observed in subsurface soils. A groundwater extraction and treatment system was constructed on the property to prevent groundwater contamination from migrating off the property. The remedial investigation, risk assessment, and feasibility study were completed for the property and a Record of Decision issued in 1999. The groundwater extraction and treatment system continues to operate on the property. Additional investigation was initiated in 2007 when some of the deeper groundwater wells showed increases in volatile organic contaminants (including TCE). An additional cleanup action is in progress to address contamination under the building that was not observed in the initial investigation. Created By: DBAILEY Created Date: 12/06/2012 Last Updated By: DBAILEY Last Updated: 12/06/2012 --</p> | |

[122](#) 1 of 1 SSE 0.71 / 3,754.75 109.82 **Riverside Jeep-Eagle** **16803 SE McLoughlin Blvd.** **Milwaukie OR 97267** **ECSI**

| | | | |
|----------------------------|-------------------|-------------------------|------------|
| Site ID: | 1666 | Created on Dt: | 03/23/1995 |
| Investi Status: | No Further Action | Last Update Dt: | 12/14/2006 |
| Furth Act Priority: | 0 | Site Alias Name: | |
| CERCLIS NO: | | Range Coord: | 1.00 |
| NPL?: | False | Range Zone: | E |
| Legis Fund Code: | 831 | Section Coord: | 13 |
| Brownfield Desc: | 0 | Qtr Sec Coord: | |
| Study Area Flag: | False | Display Order: | 0 |
| Orphan Flag: | False | Lat Decimal: | 45.4010 |
| Score Value: | | Lat Degrees: | 45 |
| Tax Lots: | | Lat Minutes: | 24 |
| Size: | 4.7 acres | Lat Seconds: | 3.60 |
| FACA Identifier: | 14286 | Long Decimal: | -122.6208 |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------|--------------------------|---|-------------------------|----------------------|-------------|-----------|
| County Name: | | | | Long Degrees: | | -122 |
| Region: | | Northwest Region | | Long Minutes: | | 37 |
| Town S Coord: | | 2.00 | | Long Seconds: | | 14.90 |
| Township Zone: | | S | | | | |
| Operation Details | | | | | | |
| -- | | | | | | |
| Operation ID: | | 132998 | | | | |
| Operation Status: | | Active | | | | |
| Common Name: | | Riverside Jeep-Eagle | | | | |
| Years of Operation: | | 1969 to present. | | | | |
| Operation Comment: | | Car dealership; automotive service & repair | | | | |
| Process: | | | | | | |
| Process Comments: | | | | | | |
| SIC Codes: | | 5511, 7538 | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | TETRACHLOROETHENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 12/02/1996 | | | | |
| Last Updated By: | | | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 11/27/1995 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 20.7 ppb | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 121011 | | | | |
| Name: | | TETRACHLOROETHYLENE | | | | |
| Alias Name: | | PERCHLOROETHYLENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 12/02/1996 | | | | |
| Last Updated By: | | | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 11/27/1995 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 20.7 ppb | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|------------------------------|------------------|-------------|-----------|
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | ETHYLENE TETRACHLORIDE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 12/02/1996 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 11/27/1995 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 20.7 ppb | | | |
| Hazard Release | | | -- | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | TETRACHLOROETHYLENE,1,1,2,2- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 12/02/1996 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 11/27/1995 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 20.7 ppb | | | |
| Hazard Release | | | -- | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | TETRACHLOROETHYLENE,1,1,2,2- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 12/02/1996 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 11/27/1995 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 20.7 ppb | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | PERCLENE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 12/02/1996 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 11/27/1995 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 20.7 ppb | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121011 | | | |
| Name: | | | TETRACHLOROETHYLENE | | | |
| Alias Name: | | | ETHENE,TETRACHLORO- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 12/02/1996 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 11/27/1995 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 20.7 ppb | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121994 | | | |
| Name: | | | PETROLEUM | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | 1989-1994 | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-------------------|-------------------------|------------------|-------------|-----------|
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/20/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 58,600 ppm | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121982 | | | | |
| Name: | | DIESEL - FUEL OIL | | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | 1989-1994 | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 15,560 ppm | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121983 | | | | |
| Name: | | GASOLINE | | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | 1989-1994 | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 130 ppm | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121051 | | | | |
| Name: | | XYLENES | | | | |
| Alias Name: | | XYLOLS | | | | |
| Description: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| Quantity: | | | unknown | | | |
| Dates Comment: | | | 1989-1994 | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Soil | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 10/22/1994 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 8.3 ppm | | | |
| Hazard Release | | | -- | | | |
| Substance ID: | | | 121051 | | | |
| Name: | | | XYLENES | | | |
| Alias Name: | | | DIMETHYLBENZENES | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | 1989-1994 | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Soil | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 10/22/1994 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 8.3 ppm | | | |
| Hazard Release | | | -- | | | |
| Substance ID: | | | 121610 | | | |
| Name: | | | TRICHLOROETHANE,1,1,1- | | | |
| Alias Name: | | | CHLOROTHENE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | 1989-1994 | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Soil | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 10/22/1994 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 3.4 ppm | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------------|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/23/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 2.3 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121610 | | | | |
| Name: | | TRICHLOROETHANE,1,1,1- | | | | |
| Alias Name: | | BALTANA | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | 1989-1994 | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 3.4 ppm | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/23/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 2.3 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121610 | | | | |
| Name: | | TRICHLOROETHANE,1,1,1- | | | | |
| Alias Name: | | METHYLCHLOROFORM | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | 1989-1994 | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------------|-------------------------|------------------|-------------|-----------|
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 3.4 ppm | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/23/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 2.3 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121610 | | | | |
| Name: | | TRICHLOROETHANE,1,1,1- | | | | |
| Alias Name: | | TCA,1,1,1- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | 1989-1994 | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Soil | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/22/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 3.4 ppm | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/23/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 2.3 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121907 | | | | |
| Name: | | DICHLOROBENZENE,1,2- | | | | |
| Alias Name: | | DOWTHERM E | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-----------------------|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19.1 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121907 | | | | |
| Name: | | DICHLOROBENZENE,1,2- | | | | |
| Alias Name: | | BENZENE,1,2-DICHLORO- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19.1 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121907 | | | | |
| Name: | | DICHLOROBENZENE,1,2- | | | | |
| Alias Name: | | CHLOROBEN | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19.1 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121907 | | | | |
| Name: | | DICHLOROBENZENE,1,2- | | | | |
| Alias Name: | | DILANTIN DB | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-----------------------|-------------------------|------------------|-------------|-----------|
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | -- | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19.1 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121907 | | | | |
| Name: | | DICHLOROBENZENE,1,2- | | | | |
| Alias Name: | | DICHLOROBENZENE,o- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | -- | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 19.1 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121433 | | | | |
| Name: | | DICHLOROBENZENE,1,3- | | | | |
| Alias Name: | | BENZENE,1,3-DICHLORO- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | -- | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| <i>Comment:</i> | | | 79.6 ppb | | | |
| -- | | | -- | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | | -- | | | |
| <i>Substance ID:</i> | | | 121433 | | | |
| <i>Name:</i> | | | DICHLOROBENZENE,1,3- | | | |
| <i>Alias Name:</i> | | | DICHLOROBENZENE,m- | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | unknown | | | |
| <i>Dates Comment:</i> | | | unknown | | | |
| <i>Last Updated:</i> | | | 04/19/1995 | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | | -- | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | | -- | | | |
| <i>Medium:</i> | | | Groundwater | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | | False | | | |
| <i>Owner/Operator:</i> | | | False | | | |
| <i>Lab Data:</i> | | | True | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | | 05/24/1994 | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | | 79.6 ppb | | | |
| -- | | | -- | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | | -- | | | |
| <i>Substance ID:</i> | | | 120838 | | | |
| <i>Name:</i> | | | DICHLOROBENZENE,1,4- | | | |
| <i>Alias Name:</i> | | | PDB | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | unknown | | | |
| <i>Dates Comment:</i> | | | unknown | | | |
| <i>Last Updated:</i> | | | 04/19/1995 | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | | -- | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | | -- | | | |
| <i>Medium:</i> | | | Groundwater | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | | False | | | |
| <i>Owner/Operator:</i> | | | False | | | |
| <i>Lab Data:</i> | | | True | | | |
| <i>Sample Depth:</i> | | | | | | |
| <i>Start Date:</i> | | | 05/24/1994 | | | |
| <i>End Date:</i> | | | | | | |
| <i>Min Concentration:</i> | | | | | | |
| <i>Max Concentration:</i> | | | | | | |
| <i>Comment:</i> | | | 43.6 ppb | | | |
| -- | | | -- | | | |
| <i>Hazard Release</i> | | | | | | |
| -- | | | -- | | | |
| <i>Substance ID:</i> | | | 120838 | | | |
| <i>Name:</i> | | | DICHLOROBENZENE,1,4- | | | |
| <i>Alias Name:</i> | | | PARAMOTH | | | |
| <i>Description:</i> | | | | | | |
| <i>Quantity:</i> | | | unknown | | | |
| <i>Dates Comment:</i> | | | unknown | | | |
| <i>Last Updated:</i> | | | 04/19/1995 | | | |
| <i>Last Updated By:</i> | | | | | | |
| -- | | | -- | | | |
| <i>Sampling Result</i> | | | | | | |
| -- | | | -- | | | |
| <i>Medium:</i> | | | Groundwater | | | |
| <i>Unit Code:</i> | | | | | | |
| <i>Observation:</i> | | | False | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|-----------------------|-------------------------|------------------|-------------|-----------|
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 43.6 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 120838 | | | | |
| Name: | | DICHLOROBENZENE,1,4- | | | | |
| Alias Name: | | PARADICHLOROBENZENE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 43.6 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 120838 | | | | |
| Name: | | DICHLOROBENZENE,1,4- | | | | |
| Alias Name: | | DICHLOROBENZENE,p- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 43.6 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 120838 | | | | |
| Name: | | DICHLOROBENZENE,1,4- | | | | |
| Alias Name: | | BENZENE,1,4-DICHLORO- | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Last Updated By: | | | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 43.6 ppb | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 120838 | | | | |
| Name: | | DICHLOROBENZENE, 1,4-DI-CHLORICIDE | | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 43.6 ppb | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |
| Substance ID: | | 121774 | | | | |
| Name: | | DICHLOROPROPANE, 1,2-PROPYLENE DICHLORIDE | | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | | | | | |
| Sampling Result | | | | | | |
| -- | | | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 05/24/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 110.9 ppb | | | | |
| -- | | | | | | |
| Hazard Release | | | | | | |
| -- | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-----------------------------|------------------|-------------|-----------|
| Substance ID: | | | 121774 | | | |
| Name: | | | DICHLOROPROPANE,1,2- | | | |
| Alias Name: | | | DICHLOROPROPANE,alpha,beta- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 05/24/1994 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 110.9 ppb | | | |
| Hazard Release | | | -- | | | |
| Substance ID: | | | 121774 | | | |
| Name: | | | DICHLOROPROPANE,1,2- | | | |
| Alias Name: | | | PROPANE,1,2-DICHLORO- | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 05/24/1994 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 110.9 ppb | | | |
| Hazard Release | | | -- | | | |
| Substance ID: | | | 121774 | | | |
| Name: | | | DICHLOROPROPANE,1,2- | | | |
| Alias Name: | | | PROPYLENE CHLORIDE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | -- | | | |
| Sampling Result | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 05/24/1994 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 110.9 ppb | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121781 | | | |
| Name: | | | TRICHLOROETHYLENE | | | |
| Alias Name: | | | TRICHLOROETHENE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 11/27/1995 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1,900 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 10/10/1994 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1,600 ppb | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | 121781 | | | |
| Name: | | | TRICHLOROETHYLENE | | | |
| Alias Name: | | | ETHINYL TRICHLORIDE | | | |
| Description: | | | | | | |
| Quantity: | | | unknown | | | |
| Dates Comment: | | | unknown | | | |
| Last Updated: | | | 04/19/1995 | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |
| Unit Code: | | | | | | |
| Observation: | | | False | | | |
| Owner/Operator: | | | False | | | |
| Lab Data: | | | True | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | 11/27/1995 | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1,900 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | Groundwater | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|----------------------|-------------------------|------------------|-------------|-----------|
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/10/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 1,600 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | ETHYLENE TRICHLORIDE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 11/27/1995 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 1,900 ppb | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 10/10/1994 | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | 1,600 ppb | | | | |
| -- | | -- | | | | |
| Hazard Release | | | | | | |
| -- | | -- | | | | |
| Substance ID: | | 121781 | | | | |
| Name: | | TRICHLOROETHYLENE | | | | |
| Alias Name: | | TCE | | | | |
| Description: | | | | | | |
| Quantity: | | unknown | | | | |
| Dates Comment: | | unknown | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Last Updated By: | | | | | | |
| -- | | -- | | | | |
| Sampling Result | | | | | | |
| -- | | -- | | | | |
| Medium: | | Groundwater | | | | |
| Unit Code: | | | | | | |
| Observation: | | False | | | | |
| Owner/Operator: | | False | | | | |
| Lab Data: | | True | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | 11/27/1995 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|--------------------------------------|--------------------------|------------------|-------------------------|------------------|-------------|-----------|
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1,900 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | | | | |
| Groundwater | | | | | | |
| Unit Code: | | | | | | |
| Observation: | | | | | | |
| False | | | | | | |
| Owner/Operator: | | | | | | |
| False | | | | | | |
| Lab Data: | | | | | | |
| True | | | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| 10/10/1994 | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1,600 ppb | | | |
| -- | | | -- | | | |
| Hazard Release | | | | | | |
| -- | | | -- | | | |
| Substance ID: | | | | | | |
| 121781 | | | | | | |
| Name: | | | | | | |
| TRICHLOROETHYLENE | | | | | | |
| Alias Name: | | | | | | |
| TRI-CLENE | | | | | | |
| Description: | | | | | | |
| Quantity: | | | | | | |
| unknown | | | | | | |
| Dates Comment: | | | | | | |
| unknown | | | | | | |
| Last Updated: | | | | | | |
| 04/19/1995 | | | | | | |
| Last Updated By: | | | | | | |
| -- | | | -- | | | |
| Sampling Result | | | | | | |
| -- | | | -- | | | |
| Medium: | | | | | | |
| Groundwater | | | | | | |
| Unit Code: | | | | | | |
| Observation: | | | | | | |
| False | | | | | | |
| Owner/Operator: | | | | | | |
| False | | | | | | |
| Lab Data: | | | | | | |
| True | | | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| 11/27/1995 | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1,900 ppb | | | |
| -- | | | -- | | | |
| Medium: | | | | | | |
| Groundwater | | | | | | |
| Unit Code: | | | | | | |
| Observation: | | | | | | |
| False | | | | | | |
| Owner/Operator: | | | | | | |
| False | | | | | | |
| Lab Data: | | | | | | |
| True | | | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| 10/10/1994 | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | | | 1,600 ppb | | | |
| -- | | | -- | | | |
| Admin Action Details | | | | | | |
| -- | | | -- | | | |
| Action Code: | | | | | | |
| 9504 | | | | | | |
| Action Category: | | | | | | |
| RA | | | | | | |
| Action: | | | | | | |
| Removal Action Recommended (RM) | | | | | | |
| Active: | | | | | | |
| True | | | | | | |
| Req Priority Code: | | | | | | |
| False | | | | | | |
| Agency: | | | | | | |
| Department of Environmental Quality | | | | | | |
| Further Action Priority Code: | | | | | | |
| 258 | | | | | | |
| Start Date: | | | | | | |
| 03/27/1995 | | | | | | |
| Completion Date: | | | | | | |
| 03/27/1995 | | | | | | |
| Sub Program Code: | | | | | | |
| SAS | | | | | | |
| Rank Val: | | | | | | |
| 0 | | | | | | |
| Primary Action: | | | | | | |
| False | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Clean Up Report: | | False | | | | |
| Comment: | | Recommend removal of contaminated soil. | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/18/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 767 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | Medium | | | | |
| -- | | -- | | | | |
| Action Code: | | 9442 | | | | |
| Action Category: | | RA | | | | |
| Action: | | NEGOTIATIONS | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 09/25/1997 | | | | |
| Completion Date: | | 10/07/1997 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/18/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 541 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9459 | | | | |
| Action Category: | | RA | | | | |
| Action: | | PRELIMINARY ASSESSMENT EQUIVALENT | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 10/08/1997 | | | | |
| Completion Date: | | 01/05/1998 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/18/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 541 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9426 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE PRIORITY EVALUATION FOR FURTHER ACTION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 10/08/1997 | | | | |
| Completion Date: | | 01/05/1998 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|-------------------------------------|-------------------------|------------------|-------------|-----------|
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/18/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 541 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9433 | | | | |
| Action Category: | | RA | | | | |
| Action: | | INDEPENDENT CLEANUP | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 11/01/1995 | | | | |
| Completion Date: | | 11/30/1995 | | | | |
| Sub Program Code: | | | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Removal of contaminated soil. | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/18/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9443 | | | | |
| Action Category: | | RA | | | | |
| Action: | | NO FURTHER STATE ACTION REQUIRED | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 01/05/1998 | | | | |
| Completion Date: | | 01/05/1998 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | jmd | | | | |
| Last Updated: | | 04/07/1998 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 541 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9440 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Letter Agreement | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 10/07/1997 | | | | |
| Completion Date: | | 10/07/1997 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 11/19/1997 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 541 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9519 | | | | |
| Action Category: | | RA | | | | |
| Action: | | VCS Waiting List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | -- | | | | |
| Start Date: | | 06/23/1997 | | | | |
| Completion Date: | | 09/24/1997 | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 6 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | Reason in program: chlorinated solvents impacting groundwater from off-site source. | | | | |
| Last Updated By: | | jmd | | | | |
| Last Updated: | | 09/25/1997 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | -- | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | -- | | | | |
| Start Date: | | 03/23/1995 | | | | |
| Completion Date: | | -- | | | | |
| Sub Program Code: | | VCS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | -- | | | | |
| Last Updated By: | | dmc | | | | |
| Last Updated: | | 04/10/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 627 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9425 | | | | |
| Action Category: | | RA | | | | |
| Action: | | SITE EVALUATION | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | -- | | | | |
| Start Date: | | 03/22/1995 | | | | |
| Completion Date: | | 03/27/1995 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | -- | | | | |
| Last Updated By: | | jmd | | | | |
| Last Updated: | | 04/19/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Emp ID: | | 767 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9437 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Listing Review completed | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 03/27/1995 | | | | |
| Completion Date: | | 03/28/1995 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | ars | | | | |
| Last Updated: | | 05/04/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 767 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9498 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Proposal for Confirmed Release List recommended | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 03/28/1995 | | | | |
| Completion Date: | | 03/28/1995 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | ars | | | | |
| Last Updated: | | 05/04/1995 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 767 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | -- | | | | |
| Action Code: | | 9465 | | | | |
| Action Category: | | LIST | | | | |
| Action: | | Facility proposed for Confirmed Release List | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 05/15/1995 | | | | |
| Completion Date: | | 05/15/1995 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | 0 | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | kpd | | | | |
| Last Updated: | | 03/18/1999 | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Emp ID: | | 767 | | | | |
| Admin Region: | | Northwest Region | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| Admin Further Action Priority: | | | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | (4/7/1998 SAM/VCS) A waste-oil tank was removed from the south side of the service building in 1989, but the three connected waste oil drain pipes were left in place. Until this situation was discovered in 1994, service personnel disposed of waste oil and related automotive fluids into these drain lines, which discharged to the ground. Soil borings taken in 1994 beneath this discharge area were contaminated with oil, diesel, gasoline, and low levels of 1,1,1-trichloroethane (TCA). High levels of total lead (up to 480 ppb) were discovered in shallow groundwater just beyond the western site boundary, on US Post Office property. Chrysler Realty submitted a Corrective Action Plan to DEQ in late 1994 or early 1995; it recommended excavation of contaminated soil in the former waste oil tank pit, followed by the installation and sampling of a monitoring well in the pit. DEQ's Site Assessment Program agreed with the plan, and also recommended sampling for chlorinated solvents and lead. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | 12/17/2002 | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1901 | | | | |
| Description: | | Data Sources | | | | |
| Comment: | | 1) LUST file #03-94-0174. 2) September 1995 Dames & Moore ***Site Characterization Report***. 3) January 1996 Dames & Moore ***Supplemental Groundwater Investigation***. 4) April 1996 NW Geotech ***Remedial Action & Verification Sampling Report***. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 09/21/2005 | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1903 | | | | |
| Description: | | Hazardous Substance/Waste Types | | | | |
| Comment: | | Petroleum hydrocarbons; solvents; possibly lead. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | 12/17/2002 | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1907 | | | | |
| Description: | | Manner of Release | | | | |
| Comment: | | Discharge from shop into ground, through piping that at one time was connected to a waste oil tank. Time of release: 1989 to 1994. | | | | |
| Created By: | | | | | | |
| Created Date: | | 12/17/2002 | | | | |
| Last Updated By: | | | | | | |
| Last Updated: | | 12/17/2002 | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1910 | | | | |
| Description: | | Project Activity Status | | | | |
| Comment: | | PROJECT FILE ARCHIVED, BOX #272839193 | | | | |
| Created By: | | GWISTAR | | | | |
| Created Date: | | 09/21/2005 | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 09/21/2005 | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1914 | | | | |
| Description: | | Remedial Action | | | | |
| Comment: | | (4/7/1998 SAM/VCS) In November 1995, about 200 tons of contaminated soil were excavated and removed from | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------|-------------------|-----------|------------------|-----------|--|------------|
| | | | | | the site. According to Chrysler Realty's consultant, all contaminated soil was removed from the waste oil pit (to a depth of 12'). Chrysler Realty applied to DEQ's Voluntary Cleanup Program for review of the cleanup in June 1997. Two upgradient sources of solvent contamination were identified. The western plume originates at Carlton Company (ECSI #1035). The eastern plume (ECSI #2560) is from an unknown source. No further action at this time. | |
| | | | | | Created By: | |
| | | | | | Created Date: | 12/17/2002 |
| | | | | | Last Updated By: | |
| | | | | | Last Updated: | 12/17/2002 |
| | | | | | -- | -- |

[123](#) 1 of 1 **NNW** **0.88 / 4,665.12** **215.19** **Cash's Drapery** **13910 SE McLoughlin Blvd.** **Milwaukie OR 97267** **ECSI**

| | | | |
|----------------------------|-------------------|-------------------------|------------|
| Site ID: | 6033 | Created on Dt: | 09/22/2015 |
| Investi Status: | No Further Action | Last Update Dt: | 02/08/2016 |
| Furth Act Priority: | 0 | Site Alias Name: | |
| CERCLIS NO: | | Range Coord: | 1.00 |
| NPL?: | False | Range Zone: | E |
| Legis Fund Code: | 0 | Section Coord: | 1 |
| Brownfield Desc: | 0 | Qtr Sec Coord: | |
| Study Area Flag: | False | Display Order: | 0 |
| Orphan Flag: | False | Lat Decimal: | 45.4219 |
| Score Value: | | Lat Degrees: | 45 |
| Tax Lots: | | Lat Minutes: | 25 |
| Size: | | Lat Seconds: | 18.80 |
| FACA Identifier: | 137620 | Long Decimal: | -122.6328 |
| County Name: | | Long Degrees: | -122 |
| Region: | Northwest Region | Long Minutes: | 37 |
| Town S Coord: | 2.00 | Long Seconds: | 58.10 |
| Township Zone: | S | | |

Admin Action Details

-- --

Action Code: 9424

Action Category: ADMIN

Action: Site added to database

Active: True

Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

Start Date: 09/22/2015

Completion Date: 09/22/2015

Sub Program Code:

Rank Val:

Primary Action: False

Clean Up Report: False

Comment:

Last Updated By: JWESTER

Last Updated: 09/22/2015

Created By: JWESTER

Created Date: 09/22/2015

Emp ID: 3165

Admin Region:

Admin Further Action Priority:

-- --

Action Code: 9511

Action Category: RA

Action: SITE INVESTIGATION

Active: True

Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code: 0

Start Date: 09/03/2015

Completion Date: 02/04/2016

Sub Program Code: DC

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|-------------------|---|------------------|-----------|------|----|
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 06/23/2016 | | | | |
| Created By: | | JWESTER | | | | |
| Created Date: | | 09/22/2015 | | | | |
| Emp ID: | | 3165 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | | | | | |
| Action Code: | | 9443 | | | | |
| Action Category: | | RA | | | | |
| Action: | | NO FURTHER STATE ACTION REQUIRED | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 0 | | | | |
| Start Date: | | 02/04/2016 | | | | |
| Completion Date: | | 02/04/2016 | | | | |
| Sub Program Code: | | DC | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | NFA approved 2/4/2016. | | | | |
| Last Updated By: | | GWISTAR | | | | |
| Last Updated: | | 02/19/2016 | | | | |
| Created By: | | JWESTER | | | | |
| Created Date: | | 02/05/2016 | | | | |
| Emp ID: | | 3165 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | 0 | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1914 | | | | |
| Description: | | Remedial Action | | | | |
| Comment: | | (2/4/2016 Joe Westersund) NFA issued 2/4/2016 based on sampling conducted in August to December 2015. Detection of PCE, TCE and cis-DCE in crawlspace air may indicate a release to soil below the building. But, contamination, if present, does not appear to have affected indoor air or groundwater or migrated off-site. Subslab soil vapor, indoor air and soil boring data was below applicable RBCs for occupational site use. If future soil excavation is performed in the area of the current crawlspace, a Contaminated Media Management Plan should be developed and followed. | | | | |
| Created By: | | JWESTER | | | | |
| Created Date: | | 02/05/2016 | | | | |
| Last Updated By: | | JWESTER | | | | |
| Last Updated: | | 02/05/2016 | | | | |
| -- | | | | | | |
| Narrative | | | | | | |
| -- | | | | | | |
| Narrative Code: | | 1922 | | | | |
| Description: | | Current Site Summary Statement | | | | |
| Comment: | | (2/4/2016 Joe Westersund) NFA issued 2/4/2016 based on sampling conducted in August to December 2015. Detection of PCE, TCE and cis-DCE in crawlspace air may indicate a release to soil below the building. But, contamination, if present, does not appear to have affected indoor air or groundwater or migrated off-site. Subslab soil vapor, indoor air and soil boring data was below applicable RBCs for occupational site use. | | | | |
| Created By: | | JWESTER | | | | |
| Created Date: | | 02/05/2016 | | | | |
| Last Updated By: | | JWESTER | | | | |
| Last Updated: | | 02/05/2016 | | | | |
| -- | | | | | | |

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1 of 1

NNW

0.89 /
4,693.91

222.98

TMD Investments
3000 SE Courtney Ave.
Milwaukie OR 97222

ECSI

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------|--------------------------|------------------|-------------------------|------------------|-------------------------|------------|
| Site ID: | 4561 | | | | Created on Dt: | 12/29/2005 |
| Investi Status: | Suspect | | | | Last Update Dt: | 10/01/2015 |
| Furth Act Priority: | Medium | | | | Site Alias Name: | |
| CERCLIS NO: | | | | | Range Coord: | 1.00 |
| NPL?: | False | | | | Range Zone: | E |
| Legis Fund Code: | 0 | | | | Section Coord: | 1 |
| Brownfield Desc: | 0 | | | | Qtr Sec Coord: | CD |
| Study Area Flag: | False | | | | Display Order: | 3 |
| Orphan Flag: | False | | | | Lat Decimal: | 45.4225 |
| Score Value: | | | | | Lat Degrees: | 45 |
| Tax Lots: | 00300 | | | | Lat Minutes: | 25 |
| Size: | 22,827 sq ft | | | | Lat Seconds: | 21.00 |
| FACA Identifier: | 91198 | | | | Long Decimal: | -122.6323 |
| County Name: | | | | | Long Degrees: | -122 |
| Region: | Northwest Region | | | | Long Minutes: | 37 |
| Town S Coord: | 2.00 | | | | Long Seconds: | 56.30 |
| Township Zone: | S | | | | | |
| Hazard Release | | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Substance ID: | 121983 | | | | | |
| Name: | GASOLINE | | | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | Unknown | | | | | |
| Dates Comment: | Unknown | | | | | |
| Last Updated: | 12/29/2005 | | | | | |
| Last Updated By: | JWAGGY | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Sampling Result | | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Medium: | Soil | | | | | |
| Unit Code: | | | | | | |
| Observation: | False | | | | | |
| Owner/Operator: | False | | | | | |
| Lab Data: | True | | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | 140 ppm | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Hazard Release | | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Substance ID: | 122015 | | | | | |
| Name: | OIL - WASTE | | | | | |
| Alias Name: | | | | | | |
| Description: | | | | | | |
| Quantity: | Unknown | | | | | |
| Dates Comment: | Unknown | | | | | |
| Last Updated: | 12/29/2005 | | | | | |
| Last Updated By: | JWAGGY | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Sampling Result | | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Medium: | Soil | | | | | |
| Unit Code: | | | | | | |
| Observation: | False | | | | | |
| Owner/Operator: | False | | | | | |
| Lab Data: | True | | | | | |
| Sample Depth: | | | | | | |
| Start Date: | | | | | | |
| End Date: | | | | | | |
| Min Concentration: | | | | | | |
| Max Concentration: | | | | | | |
| Comment: | 92,900 ppm | | | | | |
| -- | -- | -- | -- | -- | -- | -- |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev (ft) | Site | DB |
|---------------------------------------|--------------------------|---|-------------------------|------------------|-------------|-----------|
| Admin Action Details | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9424 | | | | |
| Action Category: | | ADMIN | | | | |
| Action: | | Site added to database | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | | | | | |
| Start Date: | | 12/29/2005 | | | | |
| Completion Date: | | 12/29/2005 | | | | |
| Sub Program Code: | | | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | False | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Emp ID: | | 313 | | | | |
| Admin Region: | | | | | | |
| Admin Further Action Priority: | | | | | | |
| -- | | -- | | | | |
| Action Code: | | 9508 | | | | |
| Action Category: | | RA | | | | |
| Action: | | Site Screening recommended (EV) | | | | |
| Active: | | True | | | | |
| Req Priority Code: | | False | | | | |
| Agency: | | Department of Environmental Quality | | | | |
| Further Action Priority Code: | | 258 | | | | |
| Start Date: | | 12/29/2005 | | | | |
| Completion Date: | | 12/29/2005 | | | | |
| Sub Program Code: | | SAS | | | | |
| Rank Val: | | | | | | |
| Primary Action: | | True | | | | |
| Clean Up Report: | | False | | | | |
| Comment: | | | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Emp ID: | | 313 | | | | |
| Admin Region: | | Northwest Region | | | | |
| Admin Further Action Priority: | | Medium | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1898 | | | | |
| Description: | | Site Contacts | | | | |
| Comment: | | Tamara, Universal Applicators consultant (503-235-7099). | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1899 | | | | |
| Description: | | Contamination | | | | |
| Comment: | | Site consultant discovered contaminated soil at concentrations of 92,900 ppm motor oil and 140 ppm gasoline. TMD had soil samples collected because the site was possibly going to be sold. | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------|--------------------------|--|-------------------------|------------------|-------------|-----------|
| -- | | -- | | | | |
| Narrative Code: | | 1901 | | | | |
| Description: | | Data Sources | | | | |
| Comment: | | OERS file number : 05-0229 | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1907 | | | | |
| Description: | | Manner of Release | | | | |
| Comment: | | Exact date, time and cause of contamination is unknown. | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1908 | | | | |
| Description: | | Media Contamination | | | | |
| Comment: | | soil | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| -- | | -- | | | | |
| Narrative | | | | | | |
| -- | | -- | | | | |
| Narrative Code: | | 1914 | | | | |
| Description: | | Remedial Action | | | | |
| Comment: | | (12/29/05 JMW/SAP)In January 2005, TMD Investments had site soils tested, possible due to a future property transaction. Surface contamination was discovered near the mechanics shop where drums had been stored. Soil concentrations were 92,900 ppm for motor oil and 140 ppm for gasoline. DEQ correspondence indicates a TMD consultant, Universal Applicators, was planning on removing/disposing site soils. As of December 2005, DEQ has not received additional information from TMD Investments or Universal Applicators regarding site cleanup. | | | | |
| Created By: | | JWAGGY | | | | |
| Created Date: | | 12/29/2005 | | | | |
| Last Updated By: | | JWAGGY | | | | |
| Last Updated: | | 12/29/2005 | | | | |
| -- | | -- | | | | |

Unplottable Summary

Total: 3 Unplottable sites

| DB | Company Name/Site Name | Address | City | Zip | ERIS ID |
|------|------------------------|---|--------------|-------|-----------|
| AST | VERIZON WIRELESS | 1660 SE MCLOUGHLIN BLVD | PORTLAND OR | 97267 | 848610041 |
| ECSI | Kellogg Creek | Between SE McLoughlin Blvd. and SE Lake Rd. | Milwaukie OR | 97222 | 826098522 |
| LUST | HEATING OIL TANK | 9420 SE SUNSET DRIVE | PORTLAND OR | 97266 | 819630712 |

Unplottable Report

Site: VERIZON WIRELESS
1660 SE MCLOUGHLIN BLVD PORTLAND OR 97267

AST

Facility ID: 121606
Reported Chemicals: N
EHS Facility:
Sprinkled:
CAA 112R Facility:
PSM Facility:
TRI Facility:
TRI FID:
RCRA ID:
RMP Facility ID:
EHS Coord First Name:
EHS Coord Last Name:
EHS Coord Email:
Location address: 1660 SE MCLOUGHLIN BLVD
Date Completed:
Owner First Name: DANIEL
Owner Last Name: MEAD
Owner Operator Email:
Phone Business: 9086266230
Mail Address: 20 INDEPENDENCE BLVD MC 4149
Mail City: WARREN
Mail State: NJ
Mail Zip: 07059
Max Occupants:
Emerg Contact First Name:
Emerg Contact Last Name:
Phone Day:
Phone Day Ext:
Flag Status: 6
Rec Date: 4/14/2016
FDID: 0291
Fire Dept: PORTLAND FIRE & RESCUE
Dunbrad:
Dept Div: VINEYARD
Emerg Proc:
Placard:
Site Plan:
Business Type: WIRELESS TELECOMMUNICATIONS -- CELL SITE
Mail Date: 3/1/2016
Short Memo:
Site No:
Voluntary:
Email Address: SUSAN.CALDERON@VERIZONWIRELESS.COM
Placard Other:
Attn Of: SUSAN CALDERON
Completing F Name:
Completing L Name:
Completing Phone:
Completing Phone Ext:
Latitude:
Longitude:
Occupied: FALSE
Unoccupied: FALSE
NAICS 1: 517212
NAICS Desc 1: CELLULAR & OTHER WIRELESS TELECOMMUNICATIO
NAICS 2: 000000
NAICS Desc 2:
Chem Count: 0

HM Team: HM06
Fac Date Stamp:
Fac Name Stamp:
De Date 1:
De Date 2:
Info Update:
Comments:
Deinit 1:

Site: Kellogg Creek
Between SE McLoughlin Blvd. and SE Lake Rd. Milwaukie OR 97222

ECSI

| | | | |
|----------------------------|------------------|-------------------------|------------|
| Site ID: | 5947 | Created on Dt: | 02/04/2015 |
| Investi Status: | Suspect | Last Update Dt: | 04/12/2016 |
| Furth Act Priority: | 0 | Site Alias Name: | |
| CERCLIS NO: | | Range Coord: | 1.00 |
| NPL?: | False | Range Zone: | E |
| Legis Fund Code: | 0 | Section Coord: | 36 |
| Brownfield Desc: | 0 | Qtr Sec Coord: | |
| Study Area Flag: | False | Display Order: | 0 |
| Orphan Flag: | False | Lat Decimal: | 45.4391 |
| Score Value: | | Lat Degrees: | 45 |
| Tax Lots: | | Lat Minutes: | 26 |
| Size: | | Lat Seconds: | 20.80 |
| FACA Identifier: | 139749 | Long Decimal: | -122.6390 |
| County Name: | | Long Degrees: | -122 |
| Region: | Northwest Region | Long Minutes: | 38 |
| Town S Coord: | 1.00 | Long Seconds: | 20.40 |
| Township Zone: | S | | |

Admin Action Details

--

| | |
|---------------------------------------|-------------------------------------|
| Action Code: | 9424 |
| Action Category: | ADMIN |
| Action: | Site added to database |
| Active: | True |
| Req Priority Code: | False |
| Agency: | Department of Environmental Quality |
| Further Action Priority Code: | |
| Start Date: | 02/04/2015 |
| Completion Date: | 02/04/2015 |
| Sub Program Code: | |
| Rank Val: | |
| Primary Action: | False |
| Clean Up Report: | False |
| Comment: | |
| Last Updated By: | JSUTTER |
| Last Updated: | 02/04/2015 |
| Created By: | JSUTTER |
| Created Date: | 02/04/2015 |
| Emp ID: | 711 |
| Admin Region: | |
| Admin Further Action Priority: | |

--

| | |
|--------------------------------------|-------------------------------------|
| Action Code: | 9425 |
| Action Category: | RA |
| Action: | SITE EVALUATION |
| Active: | True |
| Req Priority Code: | False |
| Agency: | Department of Environmental Quality |
| Further Action Priority Code: | 0 |
| Start Date: | 02/04/2012 |
| Completion Date: | |
| Sub Program Code: | SAS |
| Rank Val: | |
| Primary Action: | True |
| Clean Up Report: | False |
| Comment: | |
| Last Updated By: | GWISTAR |

Last Updated: 09/15/2016
Created By: JSUTTER
Created Date: 02/04/2015
Emp ID: 711
Admin Region: Northwest Region
Admin Further Action Priority: 0
-- --

Site: HEATING OIL TANK
9420 SE SUNSET DRIVE PORTLAND OR 97266

LUST

Log NO: 26-91-0334
Cleanup Rcvd Dt: 08/30/1991
Cleanup Start Dt: 09/02/1991

Work Compl Dt: 01/03/1992
Region: NWR

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Nov 7, 2016

National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Nov 7, 2016

Deleted NPL:

DELETED NPL

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

Government Publication Date: Nov 7, 2016

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Aug 5, 2016

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Aug 5, 2016

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned:

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

[RCRA CORRACTS](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Dec 12, 2016

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Dec 12, 2016

RCRA Generator List:

[RCRA LQG](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Dec 12, 2016

RCRA Small Quantity Generators List:

[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Dec 12, 2016

RCRA Conditionally Exempt Small Quantity Generators List:

[RCRA CESQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Dec 12, 2016

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Dec 12, 2016

Federal Engineering Controls-ECs:

FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 20, 2016

Federal Institutional Controls- ICs:

FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jan 20, 2016

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 7, 2015

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 14, 2016

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Apr 19, 2016

State

Confirmed Release List/Inventory:

CRL

List of sites on the Oregon Department of Environmental Quality (DEQ)'s Confirmed Release Inventor, a subset of the Environmental Cleanup Site Information (ECSI) database. ECSI is the Cleanup Section's master database of sites with known or potential contamination. This database is state equivalent CERCLIS.

Government Publication Date: Oct 01, 2016

Environmental Cleanup Site Information Database:

ECSI

The Department of Environmental Quality's (DEQ) Environmental Cleanup Program protects human health and the environment by identifying, investigating, and remediating sites contaminated with hazardous substances. This database is state equivalent CERCLIS.

Government Publication Date: Oct 01, 2016

Delisted Release List and Cleanup Sites:

DSHW

This database contains a list of closed sites contaminated with hazardous substances that were removed from the Oregon Department of Environmental Quality (DEQ)'s, Environmental Cleanup Site Information (ECSI) database.

Government Publication Date: Oct 01, 2016

Solid Waste Facilities and Landfills:

SWF/LF

The Department of Environmental Quality (DEQ) makes a list available of all permitted solid waste and landfill facilities.

Government Publication Date: Jul 20, 2016

Historic Closed and Terminated Disposal Sites:

HIST SWF

A list of historic, closed solid waste and landfill facilities made available by the Department of Environmental Quality (DEQ). Public Land Survey System (PLSS) locations provided by the source are subject to accuracy limitations inherent to the PLSS system.

Government Publication Date: Jun 1, 1986

Underground Storage Tank Cleanup List:

LUST

An inventory of leaking underground storage tanks reported to the Department of Environmental Quality (DEQ).

Government Publication Date: Oct 4, 2016

Delisted Leaking Storage Tanks:

DLST

This database contains a list of leaking storage tank sites that were removed from the Oregon Department of Environmental Quality (DEQ).

Government Publication Date: Oct 4, 2016

UST Facilities with Operating Certificates Allowing Fuel Deliveries:

UST

List of registered underground storage tanks made available by the Department of Environmental Quality (DEQ).

Government Publication Date: Oct 4, 2016

Aboveground Storage Tanks:

AST

List of registered aboveground storage tanks made available by the Oregon Office of State Fire Marshal (OSFM).

Government Publication Date: Sep 01, 2016

Delisted Storage Tanks:

DTNK

This database contains a list of closed UST and AST storage tank sites that were removed from the Oregon Department of Environmental Quality (DEQ).

Government Publication Date: Sep 01, 2016

Engineering Controls Reported in the ECSI Database:

ENG

The Department of Environmental Quality (DEQ) makes a list available of sites that have engineering controls in place. Engineering controls are physical measures designed to prevent or minimize exposure to hazardous substances remaining on-site. Engineering controls may include such measures as fencing, capping, horizontal or vertical barriers, hydraulic controls, or provision of clean water supplies.

Government Publication Date: Oct 01, 2016

Institutional Controls Reported in the ECSI Database:

INST

The Department of Environmental Quality (DEQ) makes a list available of sites that have institutional controls in place. Institutional controls are legal or administrative tools to prevent unacceptable exposures to contamination left in place at the completion of removal or remedial actions. Common examples are restricting groundwater use or preventing residential uses of a property.

Government Publication Date: Oct 01, 2016

Voluntary Cleanup Program Sites:

VCP

The Department of Environmental Quality (DEQ) created its Voluntary Cleanup Program (VCP) to provide oversight to property owners and others wishing to investigate and clean up hazardous substance sites in a voluntary, cooperative manner. The goal of the program is to increase the number of remediated sites by streamlining the cleanup process while ensuring compliance with Oregon environmental regulations.

Government Publication Date: Oct 03, 2016

Environmental Cleanups on Former or Current Brownfields:

BROWNFIELDS

List of Brownfields sites made available by the Department of Environmental Quality (DEQ). A brownfield is a vacant or underused property where actual or perceived environmental contamination complicates its expansion or redevelopment.

Government Publication Date: Nov 30, 2016

Tribal

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands:

LUSTs on Tribal/Indian Lands in Region 10, which include Oregon.

Government Publication Date: Apr 15, 2016

INDIAN LUST

Underground Storage Tanks (USTs) on Indian Lands:

USTs on Tribal/Indian Lands in Region 10, which includes Oregon.

Government Publication Date: Apr 15, 2016

INDIAN UST

Delisted Tribal Leaking Storage Tanks:

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 26, 2016

DELISTED ILST

Delisted Tribal Underground Storage Tanks:

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Nov 09, 2016

DELISTED IUST

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Oct 13, 2016

FINDS/FRS

Toxics Release Inventory (TRI) Program:

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: 1987-2015

TRIS

Hazardous Materials Information Reporting System:

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 08, 2016

HMIRS

National Clandestine Drug Labs:

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Sep 12, 2016

NCDL

Inventory of Open Dumps, June 1985:

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

ODI

EPA Report on the Status of Open Dumps on Indian Lands:

[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2014

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Nov 12, 2013

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 09, 2016

Integrated Compliance Information System (ICIS):

[ICIS](#)

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: May 24, 2016

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Sep 14, 2016

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Sep 14, 2016

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Nov 22, 2016

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Sep 13, 2016

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 07, 2016

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Nov 3, 2016

State

Historical Hazardous Materials Incident Reports:

HIST HAZMAT

Since January 1, 1985, the Oregon Office of State Fire Marshal (OSFM) has collected Hazardous Material Incident Reports from emergency responders. This list also includes Clandestine Drug Sites.

Government Publication Date: April 1, 2014

Hazardous Materials Incident Reports:

HAZMAT

A list of Hazardous Material Incidents reported to the Oregon Office of State Fire Marshall (OSFM) from emergency responders from 2010 to 2015.

Government Publication Date: Nov 01, 2016

Spills:

SPILLS

List of spills and/or releases reported to The Department of Environmental Quality's (DEQ) Emergency Response Program. The program is designed to carry out legislative direction to work with other agencies and industry to prevent and respond to spills of oil and hazardous materials.

Government Publication Date: Jan 01, 2017

Uninhabitable Drug Lab Properties:

CDL

List of properties which have been declared by a law enforcement agency to be unfit for use due to meth lab and/or storage activities. The properties are considered uninhabitable until cleaned up by a state certified decontamination contractor and a certificate of fitness is issued by the Oregon Health Authority, Public Health Division. This list is made available by the Department of Consumer & Business Services.

Government Publication Date: Sep 26, 2016

Drycleaner Facilities list:

DRYCLEANERS

The Department of Environmental Quality tracks registered dry cleaner facilities.

Government Publication Date: Oct 12, 2016

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

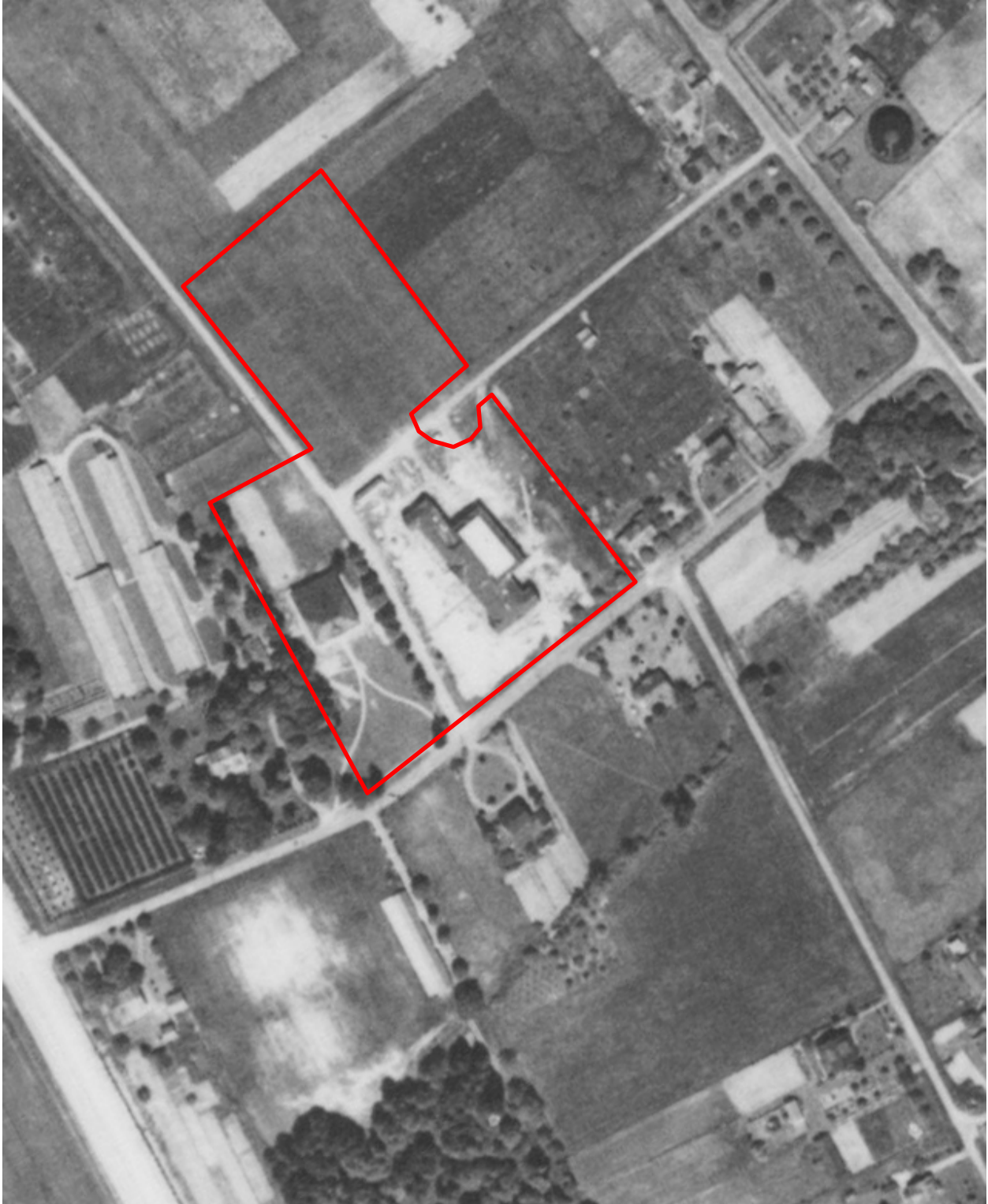
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX D

HISTORICAL RESEARCH RECORDS

Historical Aerial Photographs
Building Department Records
Local Street Directories
Previous Environmental Reports



1936 Aerial Photograph



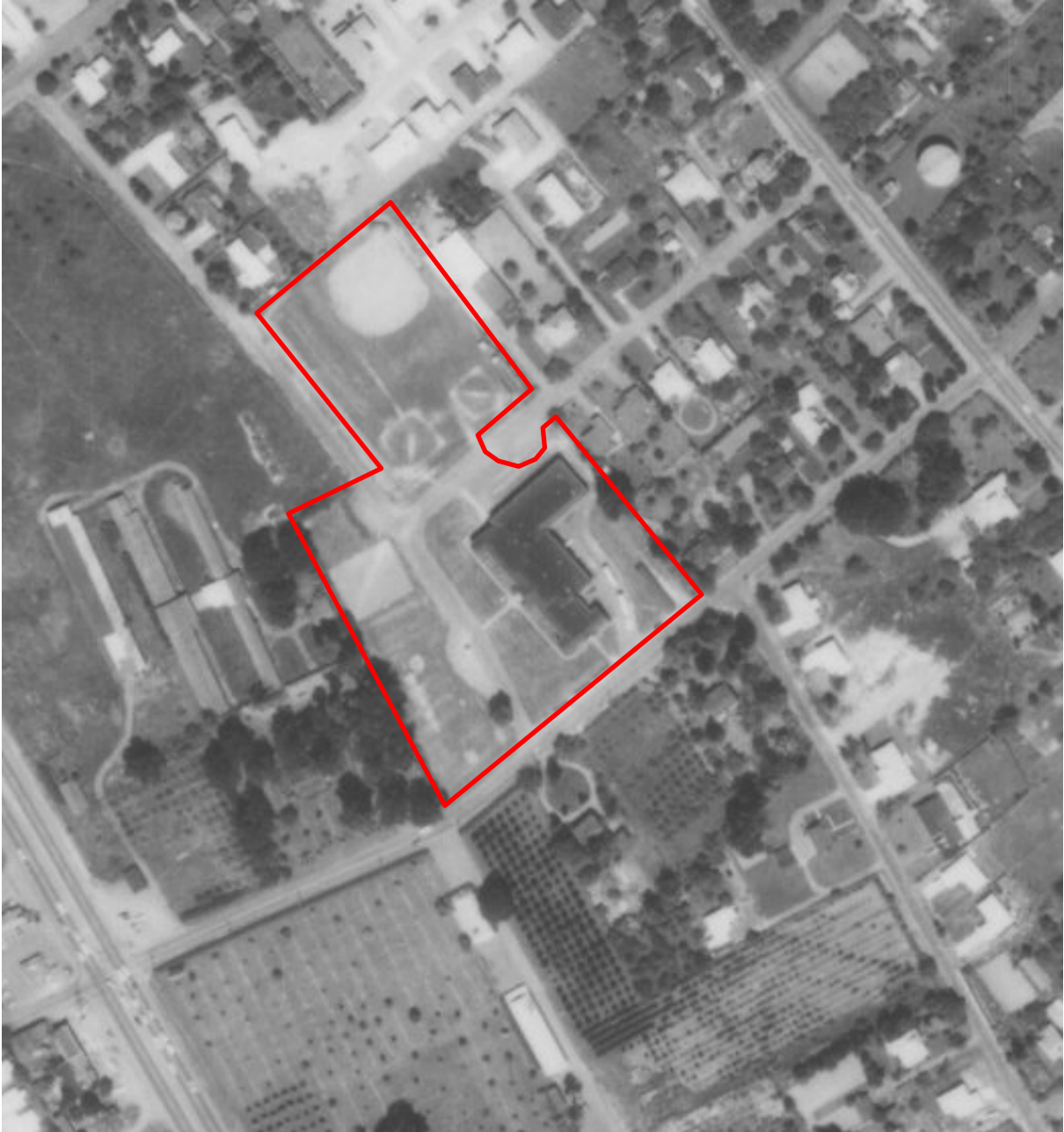
1944 Aerial Photograph



1956 Aerial Photograph



1964 Aerial Photograph



1970 Aerial Photograph



1980 Aerial Photograph



1990 Aerial Photograph



1998 Aerial Photograph



2000 Aerial Photograph



2005 Aerial Photograph



2010 Aerial Photograph



2015 Aerial Photograph

“Effective July 12th, The State of Oregon E-Permitting system has been modified. Users are now routed directly to Clackamas County’s permitting system. Instead of getting a temporary number through the state system, permits will be created directly within the County’s permitting system and assigned a County permit number.

[Register for an Account](#) | [Login](#)

Search...

If you are not already a registered user in Clackamas County’s permitting system, it will first be necessary to set up an account before you can create a permit. Please contact the Clackamas County Building Codes Division at (503) 742-4240 to verify an existing account or to set up a new account.”

These web browsers are compatible: Internet Explorer 8 or 9, Firefox 23, Safari 6 (Apple), Google chrome 28 and Opera 15

[Home](#) [Building](#) [Engineering](#) [Planning](#) [Soils](#) [Code Enforcement](#)

[Search Applications](#) | [Schedule an Inspection](#)

Record B0332692:
Building - Commercial New

[View Permit Documents](#)

▼ **Work Location**

3811 SE CONCORD RD
Clackamas

▼ **Record Details**

Applicant:

PACIFIC CREST CONSTRUCTION INC
PACIFIC CREST CONSTRUCTION INC
8040 NE SANDY BLVD #320
30000
Home Phone:0002490898

Project Description:

RETAINING WALL CONCORD ELEMENTARY SCHOOL

Owner:

N CLACKAMAS SCH DIST #12

► **More Details**

► **Fees**

▼ **Inspections**

Upcoming

Schedule or Request an Inspection

*You have not added any inspections.
Click the link above to schedule or request one.*

Completed

There are no completed inspections on this record.

“Effective July 12th, The State of Oregon E-Permitting system has been modified. Users are now routed directly to Clackamas County’s permitting system. Instead of getting a temporary number through the state system, permits will be created directly within the County’s permitting system and assigned a County permit number.

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Search... 

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[Home](#) [Building](#) [Engineering](#) [Planning](#) [Soils](#) [Code Enforcement](#)

[Search Applications](#) | [Schedule an Inspection](#)

Record B0020096:
Building - Commercial New

[View Permit Documents](#)

▼ **Work Location**

3811 SE CONCORD RD
Clackamas

▼ **Record Details**

Applicant:

COOPER CONSTRUCTION CO
COOPER CONSTRUCTION CO
701 SE WOODWARD ST
20000
Home Phone:0002323121

Project Description:

CONCORD ELEM / STORM DAMAGE CONCORD
ELEMENTARY SCHOOL

Owner:

N CLACKAMAS SCH DIST #12

► **More Details**

► **Fees**

▼ **Inspections**

Upcoming

Schedule or Request an Inspection

*You have not added any inspections.
Click the link above to schedule or request one.*

Completed

There are no completed inspections on this record.

“Effective July 12th, The State of Oregon E-Permitting system has been modified. Users are now routed directly to Clackamas County’s permitting system. Instead of getting a temporary number through the state system, permits will be created directly within the County’s permitting system and assigned a County permit number.

[Register for an Account](#) | [Login](#)

Search... 

If you are not already a registered user in Clackamas County’s permitting system, it will first be necessary to set up an account before you can create a permit. Please contact the Clackamas County Building Codes Division at (503) 742-4240 to verify an existing account or to set up a new account.”

These web browsers are compatible: Internet Explorer 8 or 9, Firefox 23, Safari 6 (Apple), Google chrome 28 and Opera 15

[Home](#) [Building](#) [Engineering](#) [Planning](#) [Soils](#) [Code Enforcement](#)

[Search Applications](#) | [Schedule an Inspection](#)

Record B0489298:
Building - Commercial New

[View Permit Documents](#)

▼ **Work Location**

3811 SE CONCORD RD
Clackamas 97267

▼ **Record Details**

Applicant:

COOPER CONSTRUCTION CO
COOPER CONSTRUCTION CO
2305 SE 9TH AVE
97214-4616
Home Phone:2323121

Project Description:

REPAIR CEILING DAMAGE - SPRINKLER PIPES
REPAIR CEILING DAMAGE - SPRINKLER PIPES

Owner:

N CLACKAMAS SCH DIST #12
4444 SE LAKE RD
MILWAUKIE OR
97222

► **More Details**

► **Fees**

▼ **Inspections**

Upcoming

Schedule or Request an Inspection

*You have not added any inspections.
Click the link above to schedule or request one.*

Completed (2)

APPROVED W/CONDITIONS - 1; PARTIAL APPROVAL - 1

“Effective July 12th, The State of Oregon E-Permitting system has been modified. Users are now routed directly to Clackamas County’s permitting system. Instead of getting a temporary number through the state system, permits will be created directly within the County’s permitting system and assigned a County permit number.

[Register for an Account](#) | [Login](#)

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These web browsers are compatible: Internet Explorer 8 or 9, Firefox 23, Safari 6 (Apple), Google chrome 28 and Opera 15

[Home](#) [Building](#) [Engineering](#) [Planning](#) [Soils](#) [Code Enforcement](#)

[Search Applications](#) | [Schedule an Inspection](#)

**Record B0231399:
Building - Commercial New**

[View Permit Documents](#)

▼ **Work Location**

3811 SE CONCORD RD
Clackamas 97267

▼ **Record Details**

Applicant:

BUCKAROO THERMOSEAL INC
BUCKAROO THERMOSEAL INC
PO BOX 20188
97294-0188
Home Phone:2545581

Project Description:

CONCORD ELEMENTARY SCHOOL/RE-ROOF
CONCORD ELEMENTARY SCHOOL/RE-ROOF

Owner:

N CLACKAMAS SCH DIST #12
4444 SE LAKE RD
MILWAUKIE OR
97222

► **More Details**

► **Fees**

▼ **Inspections**

Upcoming

Schedule or Request an Inspection

*You have not added any inspections.
Click the link above to schedule or request one.*

Completed (3)

APPROVED - 1; DENIED - 1; PARTIAL APPROVAL - 1

“Effective July 12th, The State of Oregon E-Permitting system has been modified. Users are now routed directly to Clackamas County’s permitting system. Instead of getting a temporary number through the state system, permits will be created directly within the County’s permitting system and assigned a County permit number.

[Register for an Account](#) | [Login](#)

Search... 

If you are not already a registered user in Clackamas County’s permitting system, it will first be necessary to set up an account before you can create a permit. Please contact the Clackamas County Building Codes Division at (503) 742-4240 to verify an existing account or to set up a new account.”

These web browsers are compatible: Internet Explorer 8 or 9, Firefox 23, Safari 6 (Apple), Google chrome 28 and Opera 15

[Home](#) [Building](#) [Engineering](#) [Planning](#) [Soils](#) [Code Enforcement](#)

[Search Applications](#) | [Schedule an Inspection](#)

Record B0093101:
Building - Mechanical Commercial

[View Permit Documents](#)

▼ **Work Location**

3811 SE CONCORD RD
Clackamas 97267

▼ **Record Details**

Applicant:

CARROLL MECHANICAL CONTRACTORS I
CARROLL MECHANICAL CONTRACTORS I
2305 SE 50TH AVE
97215

Project Description:

CONCORD ELEMENTARY SCHOOL -
ADDITION/REMODEL
CONCORD ELEMENTARY SCHOOL -
ADDITION/REMODEL

Owner:

N CLACKAMAS SCH DIST #12
4444 SE LAKE RD
MILWAUKIE OR
97222

► **More Details**

► **Fees**

▼ **Inspections**

Upcoming

[Schedule or Request an Inspection](#)

*You have not added any inspections.
Click the link above to schedule or request one.*

Completed (5)

APPROVED - 2; DENIED - 3

“Effective July 12th, The State of Oregon E-Permitting system has been modified. Users are now routed directly to Clackamas County’s permitting system. Instead of getting a temporary number through the state system, permits will be created directly within the County’s permitting system and assigned a County permit number.

[Register for an Account](#) | [Login](#)

Search... 

If you are not already a registered user in Clackamas County’s permitting system, it will first be necessary to set up an account before you can create a permit. Please contact the Clackamas County Building Codes Division at (503) 742-4240 to verify an existing account or to set up a new account.”

These web browsers are compatible: Internet Explorer 8 or 9, Firefox 23, Safari 6 (Apple), Google chrome 28 and Opera 15

[Home](#) [Building](#) [Engineering](#) [Planning](#) [Soils](#) [Code Enforcement](#)

[Search Applications](#) | [Schedule an Inspection](#)

**Record P0092402:
Building - Plumbing**

[View Permit Documents](#)

▼ **Work Location**

3811 SE CONCORD RD
Clackamas 97267

▼ **Record Details**

Applicant:

FULLMAN KENETICS SERVICE
FULLMAN KENETICS SERVICE
5221 SW CORBETT
97201
Home Phone:5032245221

Project Description:

REPLACE 40' OF KITCHEN DRAIN PIPE
REPLACE 40' OF KITCHEN DRAIN PIPE

Owner:

N CLACKAMAS SCH DIST #12
4444 SE LAKE RD
MILWAUKIE OR
97222

► **More Details**

► **Fees**

▼ **Inspections**

Upcoming

[Schedule or Request an Inspection](#)

*You have not added any inspections.
Click the link above to schedule or request one.*

Completed (2)

APPROVED - 2

“Effective July 12th, The State of Oregon E-Permitting system has been modified. Users are now routed directly to Clackamas County’s permitting system. Instead of getting a temporary number through the state system, permits will be created directly within the County’s permitting system and assigned a County permit number.

[Register for an Account](#) | [Login](#)

Search..

If you are not already a registered user in Clackamas County’s permitting system, it will first be necessary to set up an account before you can create a permit. Please contact the Clackamas County Building Codes Division at (503) 742-4240 to verify an existing account or to set up a new account.”

These web browsers are compatible: Internet Explorer 8 or 9, Firefox 23, Safari 6 (Apple), Google chrome 28 and Opera 15

[Home](#) [Building](#) [Engineering](#) [Planning](#) [Soils](#) [Code Enforcement](#)

[Search Applications](#) | [Schedule an Inspection](#)

**Record PR028310:
Building/Historical/NA/NA**

[View Permit Documents](#)

▼ Work Location

3811 SE CONCORD RD
Clackamas 97267

▼ Record Details

Project Description:

CONCORD ELEM SCH REMODEL
CONCORD ELEM SCH REMODEL office area, sideing
on covered play area, pa re-roofm repl ext windows &
doors. misc maintenance

Owner:

NORTH CLACKAMAS SD #12
4444 SE LAKE RD
MILWAUKIE, OR
97222

▶ More Details

▶ Fees

▼ Inspections

Upcoming

[Schedule or Request an Inspection](#)

*You have not added any inspections.
Click the link above to schedule or request one.*

Completed

There are no completed inspections on this record.

▶ Processing Status

HIG Research Summary

Site Location

SE Concord Rd Phase I ESA
3811 Se Concord Road
Milwaukie, OR

Requested by

ERIS
38 Lesmill Road, Unit #2
Toronto, ON

HIG Project

2000561

Client Project

20170116098

Date Created

01/18/2017



Historical
Information
Gatherers

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

City Directory Pages/Abstracts

Research Methodology: A search was conducted for city directories that include coverage of the site area using HIG's City Directory Collection and other sources, if needed. Directories for the following years were identified for the site area. A comma between date ranges indicates a gap of 10 years or more in available city directories:

Portland 1971-2008

The above listed directories were reviewed at approximate 5 year intervals to determine if the street(s) specified in the order were included in the directories and had listings for the site area. HIG attempted to identify former street names and aliases and if identified, these were also included in the review.

Research Results: City directory information, when provided, was used to create a multi-page file(s) named CD- followed by the street name. When City Directory Pages are provided, the publication name and date are shown at the top of each page. When a City Directory abstract is provided, the first page of the abstract includes the relevant publication information. The years of coverage identified for each street and any identified historical street names are as follows:

SE Concord Road (1971-2008)

SE Oatfield Road (1971-2008)

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SE CONCORD RD

Table listing property owners and addresses for SE Concord Rd, including Michael F Geertsen, 3001 Cornerstone Christian Fellowship, and others.

Table listing property owners and addresses for SE Concord Rd, including Margaret G Robertson, 230 Ralph E Robertson, and others.

Table listing property owners and addresses for SE Concord Rd, including Kenneth C West, 62 Nicole Williams, and others.

Table listing property owners and addresses for SE Concord Rd, including Leticia Herrera, 11 JCH Drywall, and others.

2004 PORTLAND

7419 Stephanie Tyler 503.286.3295
264 RESIDENCE 12 BUSINESS

SE CONCORD CT

CT 218.01 15042-15127 \$B
15042 Peter H Robles 503.786.8163
Florida J Robles 503.786.8163

SE CONCORD RD

CT 217.00 E 2310-3500 \$C
CT 213.00 0 2391-3511 \$C
CT 214.00 0 3601-4005 \$C

CT 218.02 E 3630-4062 \$C
CT 218.01 4101-4811 \$B

SE RIVER RD INTS

2310 Juliet F Bright 503.786.4619
Timothy W Bright 503.786.4619
2391*Obsidian Cnstrg Asc L L C 503.280.1129

SE HUGH AVE INTS

2602 Albert L Lloyd Jr 97 NP
Renee J Lloyd 97 NP
2631 Craig Alan Fernald 96 503.652.0898

SE STERLING CIR INTS

2700 Jr Cooper 79 503.654.1220
Wayne L Cooper 79 503.654.1220
2710 Ben Fred Sinsel 88 503.659.2941

SE ARISTA DR INTS

2801 Gregory P Davito III 95 NP
Katrina L Davito 95 NP
28150 Peter J Pelofsky 00 503.652.1010

SE SOUTHWEST AVE INTS

3110 Barbara Jean Myrick 91 503.654.1452
Robert Stephen Myrick 91 503.654.1452
3122 David B Riedel 91 503.654.2789

SE MEADOWLARK LN INTS

3224 Cameron J Kempeo 98 NP
Kari T Kemper 98 NP
3303 John K Storm 78 503.653.9543

SE ORVILLE AVE INTS

3500 64 Adeline A Amack 91 503.653.0268
39 Richard Irving Barncood 01 NP

86 John Robert Bartels 02 503.653.9443
Robert L Girard 99 503.659.8798
Mary B Beck 01 503.786.8907

117*Vina L Bristow 81 503.654.1040
45 Beverly Ann Browne 00 503.786.6242
Eula E Call 00 503.653.6186

31*Eka Design 02 503.981.4757
43*Melissa J Elliott 37 503.729.7293
38*Harold J Estes 92 503.654.2183

64*Inmedco Inc 02 503.654.7846
George Barbara Rae Jacoby 95 503.652.1103
51 Catherine Helen Johnson 96 NP

31 Wonga Walker Kyle 96 NP
100*Carl Land 99 503.513.7754
100*Carl Land 99 503.513.7754

34 James D Phillips 01 NP
34 Jeannie Sharp Phillips 01 NP
54 Agatha Cecelia Plante 95 503.794.8963

52 Larry Allen Ritzschke 89 503.654.5056
23*Margaret G Robertson 70 503.659.1075
23* Ralph E Robertson 70 503.659.1075

79*Joy Virginia Solomon 97 503.652.9384
62*David Bruce Stonesifer 02 NP
62* Val J Talbot 02 NP

3511*Russian Full Gospel Church 92 503.317.6396
3601*Goodwill Industries 93 503.659.8780
3630*Papa Murphy's Takenbake Pizza 85 503.652.1146

105 Jim Anderson 503.653.1473
82* Cecilia E Arnold 94 503.653.1960
82* Sandra R Arnold 94 503.653.1960

4523 Patrice L Wade 96 503.659.5092
4109 4131 William C Brown 94 503.654.6564
Wilma J Brown 94 503.654.6564

80 Horacio Girardo 02 503.653.6323
78 Robert L Girard 99 503.659.8141
Allatolly Gutsol 02 503.353.0962

107 Jack Richard Hall 03 503.794.4056
75 Wanda Harkins 03 503.659.5148
72 Dorri Hatt 02 503.659.1768

111 Harriet Kennermer 92 NP
111 Chester M Klamhans 86 NP
64 Stephen Lampley 03 503.513.6298

120 Michael Neal 02 503.652.2819
Tosh K Nealeigh 03 503.654.7451
25 Brent B Olsen 01 NP

15 Chris H Taketara 95 503.794.0141
6 Kerry J Tarbet 83 503.659.6388
24 Patricia G Theod 02 503.659.1248

3800 Robert L Newgard 99 503.654.8066
3802 Lillian L Hanson 01 503.654.0349
3804 Vickie L Hanson 01 503.654.0349

3901*James Eugene Harding 50 503.659.4024
Joyce Lee Harding 50 503.659.4024
3907 Helen J Quizon 91 503.653.1786

4005 Evelyn Annette Laws 94 503.652.2251
Mark A Laws 94 503.652.2251
4028 Benny Dang 50 503.653.9872

4215 4221*0 Gregory Wallace Hublou 88 503.659.5799
4235*0 John R Baker 87 503.654.3790
Sandra Ann Baker 87 503.654.3790

4434 Linda L Kerr 02 NP
Timothy P Kerr 02 NP
4445*0 Daniel A Rue 02 NP

4526*Granite Construction 50 503.653.5680
4527*0 Sitting Pretty 01 503.653.1739
Joann R Smith 97 503.653.5680

4623 Apartments 81 503.654.5684
M Dennis P Reed 81 503.654.5684
M Jane Reed 81 503.654.5684

4637 J Gary McClain 02 NP
Nancy M McClain 02 NP
4646*0 John S Bisenius 86 NP

4666 Clinton D Oneil 94 503.653.1332
Jean M Oneil 94 503.786.2854
*R & H Properties Llc 94 503.654.7043

4782 David Rodney Lippert 00 503.654.1215
Rodney C Lippert 00 503.654.1215
Mary A Oelken 92 503.654.4118

4787 Scott Pennel 50 503.353.7853
4790 C Church 87 503.654.9902
Christina Church 87 503.654.9902

4791 Gordon Wayne Wallace 95 NP
Renee C Wallace 95 NP
4794 Allan R Schuff 87 503.659.849C

4795 Nancy R Schuff 87 503.659.849C
4795 Debra A Shindler 97 NP
4797 James M Tolliver 97 NP

4798 Jocelyn L Bassili 94 NP
Michael A Bassili 94 NP
4799 Jeffrey R Emra 00 503.652.8900

4800 Michelle A Emra 00 503.652.8900
Clifford W Jones Jr 82 503.659.7188
Corra V Jones 82 503.659.7188

4811*0 Curtis Richard Smith 50 503.654.7000
Dorothy Deane Smith 50 503.654.7000
388 RESIDENCE 20 BUSINESS

4811*0 Curtis Richard Smith 50 503.654.7000
Dorothy Deane Smith 50 503.654.7000
388 RESIDENCE 20 BUSINESS

ADDRESSES

NW CONCORDIA CT

CT 315.09 17622-17799 \$B
17622 Melissa Vandenberg 503.690.8614

NW SPRINGVILLE RD INTS

17622* Apartments 503.629.5313
Chris M Culver 01 503.645.6820
Matt Drummond 01 503.466.9184

17685 Apartments

4 Diana Kay Durican 99 NP
Norma Garcia 00 NP
Mariah K Higgins 01 NP

17766 Apartments

2 Michelle Denise Allen 99 NP
C Arron Christopher Dieler 99 NP
17773 17781 NP
17799 Matthew C Residence 503.690.6684

SW CONCORD AVE

CT 60.01 3605-4426 \$A
CT 59.00 4619-4647 \$B

3605 Judy A Schwabe 94 NP
Paul A Schwabe 94 NP

3611 Beverly J Brandes 88 503.228.0727
3625* Kurt T Hutton 50 503.228.1652
0 Michele M Hutton 50 503.228.1652

N CONCORD AVE

Table listing properties on N Concord Ave, including addresses, names, and phone numbers. Includes sections for N Portland Blvd Ints, N Dekum St Ints, N Bryant St Ints, N Lombard St Ints, and SE Concord Ct.

SE CONCORD CT 97267

Table listing properties on SE Concord Ct, including addresses, names, and phone numbers.

CONCORDIA COLLEGE 97211

Also See 2811 NE Holman St

NW CONCORDIA CT 97229

Table listing properties on NW Concordia Ct, including addresses, names, and phone numbers.

SE CONCORD RD 97267

Table listing properties on SE Concord Rd, including addresses, names, and phone numbers.

Table listing properties on SE Concord Ct (continued), including addresses, names, and phone numbers.

SE CONCORD CT 97267

Table listing properties on SE Concord Ct (continued), including addresses, names, and phone numbers.

CONCORDIA COLLEGE 97211

Also See 2811 NE Holman St

NW CONCORDIA CT 97229

Table listing properties on NW Concordia Ct (continued), including addresses, names, and phone numbers.

SE CONCORD RD 97267

Table listing properties on SE Concord Rd (continued), including addresses, names, and phone numbers.

Table listing properties on SW Concord Ave, including addresses, names, and phone numbers.

SW CONCORD AVE 97201

Table listing properties on SW Concord Ave, including addresses, names, and phone numbers.

SW CONCORD AVE 97201

Table listing properties on SW Concord Ave (continued), including addresses, names, and phone numbers.

SW CONCORD AVE 97201

Table listing properties on SW Concord Ave (continued), including addresses, names, and phone numbers.

SW CONCORD WAY

Table listing properties on SW Concord Way, including addresses, names, and phone numbers.

SW CONCORD LN 97201

Table listing properties on SW Concord Ln, including addresses, names, and phone numbers.

NW CONCORD PL 97229

Table listing properties on NW Concord Pl, including addresses, names, and phone numbers.

SW CONCORD WAY 97201

Table listing properties on SW Concord Way, including addresses, names, and phone numbers.

CONCORD RD SE 97267

- Milwaukie
2300-3599 CT 217 \$B.D 6
3500-4899 CT 218 \$B.D 6
PITTMON MAP LOC 233 S-38
2310 C M Buckman \$654-2589
2391 Chris Rickford \$659-7327
2403 Powell Koler \$654-8969
2424 Joseph A Miksch \$654-0851
2425 Harry Mattoon \$654-8415
2427 George Smeraglio \$659-2576
2491 NP
2510 Margt A Pritchard \$654-2805
K Williamson \$653-2533
Lanny J Finley \$653-2006
2631 NP
2645 Doc Sparrow \$80 653-0167
2682 Brian Kirk \$80 654-3478
2700 M J Cooper Jr \$80 654-1220
2702 NP
2709 Steve McGuffin \$85 653-1676
2710 NP
2725 S A Wilkinson \$79 653-1603
2750 V M Laubsch \$78 653-0660
2757 Thomas Handegard \$73 659-6418
2760 Terry Reid \$659-6514
2800* Con Lutheran Chr \$52-1022
* Montessori-Nw Schl \$85 652-1022
* NW Montsr Sch Inc \$84 652-1022
2815 NP
2819 Luanne Myers \$85 659-4197
2833 Doug Hibler \$81 659-8923
Joseph Thompson \$653-7981
Charles W Rist \$63 654-0251
2901 NP
2918 Stanley Stalick \$654-7525
2955 Creig B Millen \$84 653-6113
3001 Franklin Hedrick \$82 659-3488
3010 Carl D Grindale \$75 653-1036
3012 Clayton Darrow \$87 653-6976
3020 NP
3023 A H Yager \$79 654-5686
3026 G K Sumnerville \$70 654-1928
3040 Edward Hunter \$80 654-8130
3082 L G Anderson \$73 654-1181
3106 NP
3110 Robert B Welch \$78 659-2765
3111 Wayne M Hamersly \$82 659-5400
3122 Gary L Parker \$80 659-6140
3127 Wayne Parks \$654-8184
J M Schmidt \$654-8184
3170 NP
3203 Vardon E Knuth \$63 654-1172
3206 Ted O Miller \$80 654-6819
3213 Ingrid Habluetzel \$87 659-6578
3221 3222 NP
3224 L F Bailey \$79 654-3276
3229 David Kennedy \$654-9652
3306 Michael A Sorrels \$78 653-2581
3311 John K Storm \$79 653-9543
3314 M A Wilson \$76 654-1165
3315 Dianne Foote \$659-7253
3333 Steven L Purcell \$85 659-3512
3350 R A Mann \$82 659-5967
Lloyd R Stockton \$83 659-5967
3500* Concord Terrace
* Mobile Home Park
Arthur L Abraham \$71 654-6131
Wallace D Anderson \$85 659-3499
Elizabeth M Banko \$84 654-2571
Charles A Beck \$77 654-5520
Vinnie J Bell \$74 654-7454
Mad Benadom \$81 652-1257
Ernest S Bergstrom \$72 654-7244
E L Blois \$81 653-8643
Wayne C Bosin \$81 653-8549
Ted Brandt \$82 654-1040
Otto Brundow \$82 653-8645
V J Buchanan \$69 659-5012
R D Cardwell \$69 659-5012
* Concord Ter MBL Hm
Ken H Cook \$86 659-2546
Robert L Cramer \$85 654-7463
W J Cranston \$653-2063
Roy W Crover \$81 652-1290
N M Curl \$74 654-9018
Gene Donahower \$79 653-2021
Eldon L Dungey \$87 659-8222
G W Edwards \$81 659-5219
R M Eilts \$79 659-6876
Roy M Ek \$69 659-1368
Maxine Fogarty \$80 653-6861
Eugene G Fontaine \$85 654-8376
Richard L Gilmore \$86 654-4182
Gerald B Halverson \$71 659-8980
A T Hannaford \$81 654-8657
M A Harnack \$84 654-8185
Robert F Jackson \$69 654-4781
William D Jaynes \$86 654-4234
Hilding E Johnson \$70 659-3365
Leland I Killian \$75 654-9068
R M Larson \$79 653-5054
M K Lauer \$77 654-3234
Frank Levak \$86 653-8550
W I Logan \$69 659-5386
Leslie F Luch \$81 659-3472
Leonard L Matson \$82 659-8268
C McCreight \$74 653-0877
Dale McDaniel \$85 659-1136
Iven McGlucklin \$85 659-3219
D I McGunigle \$83 653-6218
Clyde K Nichols \$86 659-6863
Irvine L Paterson \$76 654-2966
G Pattison \$81 653-0056
James Pogue \$86 654-5865
Wendell A Roach \$77 654-8932
Ralph C Robertson \$71 659-1075
John Rosenberg \$87 653-8240
Helen E Ross \$653-6941
Joseph J Russ \$74 654-7836
Albert J Sessions \$76 654-8820
Northrup H Solem \$79 654-3954
Jack E Sullivan \$85 654-9479
John H Talbott \$87 654-2811
Esther J Tauscher \$85 652-2496
Leslie Totten \$82 654-7022
Warren Turner \$86 659-6719
Warren Waldorf \$82 659-4846
V L Watson \$86 653-7692
P Welch \$86 653-1396
3511* Agape Faith Ctr \$86 659-5739
3610* Apex Lock Hair \$78 653-5411
3620* Discount Imprt Prt \$81 659-7444

- 3630* Papa Aldos Pizza \$86 652-1146
3640* Holly Farms Clnrs \$80 654-1118
3650* El Bartholomew \$86 652-2445
* Farmers Ins Group \$82 652-2445
* Roger Gorman \$83 652-2445
* Vern Walker \$82 652-2445
* Rod Willett \$82 652-2445
3660* Dial-A-Gift Ckcms \$82 652-1383
3710* Holly Acres Apts
S Arnold \$87 653-1960
D A Bartlett \$653-6941
Larry Bartoshevich \$653-1637
Steven Bell \$84 653-6327
Dean Billings \$659-9782
G K Buckalew \$83 654-4877
Donald Chin \$87 653-7962
John R Clevinger \$653-7744
Robert Clifford \$80 653-6487
Renate Cogswell \$653-1327
M A Collins \$86 654-7353
Bruce L Cornish \$653-3061
S Crawford \$653-5906
Rick Crowell \$654-8178
P Dinehart \$87 659-1344
P Doyle \$654-0071
B A Dvorak \$86 659-3839
Tim Englet \$659-7215
Reynaldo Espino \$87 659-2980
B J Everett \$659-0358
A S Freitas \$654-4819
Dehlie Gaudry \$652-1743
John Germain \$653-8773
Ronald Gorski \$86 659-2477
J Hampton \$654-0071
C E Hanson \$654-4691
Harvey L Heibel \$85 652-1584
Keith Highland \$653-2455
* Holly Acres Apts \$74 654-3153
Michael House \$653-0784
Steve Huston \$87 653-7005
Cibriano Islas \$87 654-3507
Larry Kelner \$659-0658
Gary Klapel \$87 659-6676
C Kleinhans \$652-2814
James Kohler \$86 659-3579
Norman Konkle \$86 659-1806
G M Kuehl \$654-5858
James T Lee \$653-6761
A S Lynch \$654-4706
C L McHarness \$84 654-0202
Wayne Mitch Miller \$77 653-1447
Michael Modgkinson \$654-3503
Richard J Moody \$659-8342
Scott L Moser \$653-1874
Dale Mowreder \$653-7711
Todd Oehl \$85 652-1766
D K Orton \$659-7523
T L Pezin \$83 659-2301
Daniel B Petty \$653-0267
Bradley Phillips \$659-0348
Walter Praegitzer \$78 659-6559
James Purdy \$652-2081
T Rea \$75 654-2152
Charles W Reedy \$87 652-1930
Gerald Rhode \$87 654-8847
Pam Richardson \$659-8241
R W Robertson \$86 653-0205
Gary Sandberg \$653-1327
Roy A Schomber \$653-6776
Louis Seidl \$86 652-7142
Cary Sjolander \$653-7353
G J Slusher \$84 659-8299
J Squier \$86 654-6500
T L Umali \$653-1490
Pamela Urick \$653-2705
W Don Valentine \$654-5306
V Vandecovering \$653-0154
Thomas R Verkennes \$659-1240
Nick Villa \$80 659-6614
Randall Wampler \$654-8904
Glenn Weis \$84 654-8932
J Michael Williams \$659-9677
John Winders \$76 654-2152
Lawrence Wolf \$86 659-8042
M Woodruff \$659-9670
Robert L Young \$659-0461
3718 Dwight Tyson \$83 654-5071
3811* Aim Grand Classrm \$64 654-2013
* Concord Elem Schl \$74 653-3665
3901 James E Harding \$78 653-4024
3907 Raymond Ewen \$79 659-3693
3915 Vernon G Delap \$72 654-0933
4005 George E Armstrong \$64 654-4250
4028 NP
4062 Alan C Langston \$81 654-4285
4109 John Jordan \$78 654-9703
4131 NP
Jack C Jordan \$87 653-0219
4434 NP
H L Mills \$80 659-1565
4474 Charles R Mahony \$75 659-2123
4481 William B Neels Jr \$71 654-0197
4515 NP
Robert A Warren \$69 654-1494
4523 Robert H Wooden \$69 654-4836
4526 William Stroup \$654-4150
4537 Mark E Pedersen \$83 659-8471
4548 Gary W Cannon \$72 659-6678
4608 H L Bottmiller \$67 654-4284
4623 Donald B Reed \$84 654-5684
4633 NP
4637 E Brekke \$81 659-0234
4639* Edward Brekke Aty \$654-5447
4646 John S Bisenius \$87 654-4342
4666 Joel F Hermsen \$80 654-8213
4677 NP
4684 S M Timm \$85 654-8110
4714 Lyle W Williams \$69 654-7545
4729 4742 NP
4755 Douglas T Maltman \$87 653-8399
4768 Russ Kenaga \$86 653-0295
4771 Robert R Lucich \$86 653-6403
4775 Paul Newman \$87 653-2787
4782 Jack T Coppel \$82 653-4131
Tina M Coppel \$654-8462
Jeff Gowen \$86 653-5333
4783 J O Smithson \$64 659-9642
4786 Richard L Oetken \$64 654-4118
4787 Leonard C Pennell \$71 654-5249
4790 David F Church \$654-5902
4791 NP
4794 Allan R Schuff \$659-8490

- 4795 NP
4797 William D Boyer \$77 654-0271
4798 NP
4808 Clifford W Jones \$77 659-7188
4811 Curtis R Smith \$82 654-7000
ND #1 M Malone \$78 654-3754
251 RESIDENCE 19 BUSINESS
CONDOR AVE SW 97201
3600-4499 CT 60.01 \$A.E17
4500-4699 CT 59 \$D.E17
PITTMON MAP LOC 188 L-36
PENNYOYER ST SW
3605 NP
Dan Stambaugh \$224-4231
3625 Kurt R Hutton \$76 228-1652
3635 Chris Robinson \$86 229-0522
3639 NP
3701 Atty Thos H Allen \$224-2193
Eug F Barnard II \$84 295-6733
Celebrations \$227-3636
H Dexter Garey \$227-4029
S C Gay \$86 227-2603
James S Harding \$227-4468
Dennis Heil \$87 248-0247
Pat Hunter \$86 227-3761
James A Lindholm \$84 224-6878
J Mahall \$80 228-1720
S Moriand \$80 227-0749
Ronald K Mutsch \$87 224-0951
J Mousambini \$241-4300
P A O'Hearn \$248-0004
P E Peynet \$85 223-6052
Ron A Schmidt \$224-6930
Kermit Shafer \$80 228-1720
Michael L Shepherd \$223-1504
Steve Snyder \$227-0359
3707 NP
200 GAINES ST SW
3716 NP
3718 J C Adams \$227-3450
* Cmnwth Comrc Brk \$87 224-2211
* Cmnwth Prop Svc \$224-2211
* David N Hobson \$87 224-4648
* David B Neppan Aty \$86 223-1137
* Marvin S Neppan Aty \$86 223-1137
* J B Shiley Aty \$86 223-1137
100* C K Robinson Aty \$87 222-9872
3722 3728 3736 NP
3845 David Cory \$227-6172
Paul Folkestad \$227-6172
Frank Martinotti \$227-6172
3852 Bob Anderson \$73 223-8262
J R Luddecke \$83 223-8262
3855 Terry L Genor \$652-5073
3900 Hiroshi Ueno \$69 223-7888
3910 Val O'Kane \$87 226-0102
3920 D Walsh \$81 243-3576
David J Redlich \$87 228-1948
Helen Farrens \$64 228-2740
3964 John F Moyer \$87 228-9733
3968 Rocky Blumhagen \$84 227-0749
3976 Frank N Frost \$80 241-7930
3977 Edwin Borgeson \$77 224-7938
3983 T S Lorentz \$81 222-4530
3984 Hilary L Kennedy \$73 223-1527
3986 Jack McGilvray \$228-7762
3990 Daniel Schwoerer \$80 223-1704
3993 Dr Douglas Dawley \$86 274-7074
4000 Ronald Greenman \$79 222-2403
4014 W H Butler \$72 223-4617
4030 Lloyd R Bunch \$64 223-4218
4031 NP
LOWELL ST SW
4100 Mark H Shafer \$65 227-4100
4103 4105 4109 NP
4112 Gary Bisaccio \$80 223-8898
4128 Carl Connors \$86 223-7142
Stephen E Sivage \$76 223-7142
4131 Marjorie S Wiseman \$68 228-3700
4140* Barbara Sloop Inlr \$80 228-0762
Perry R Sloop Jr \$80 228-7789
4141 Ivan L Scott \$64 223-7733
4204 C John Newport House \$82 241-9338
* NH Oil Refuse \$83 224-2156
4208 NP
4211 R Kenney \$87 221-0757
4212 L C Orete \$83 227-1496
4212* 4219 4224 NP
4232 Contran Lahay \$228-9839
4232 1/2 NP
4241 James Good \$84 227-2664
4242 NP
100 BANCROFT ST SW
4305 Jeffrey D English \$228-5259
4310 D W Simonton \$73 221-1976
4311 4313 NP
4323 Kay Soga \$64 228-5583
4328 James Walker \$87 224-8820
4335 K Berry \$84 226-0464
4336 M McArthur \$85 228-5565
4400 N E Glendinning \$65 227-4550
4405 James G Strathman \$86 223-4629
4415 M G Gleyre \$67 227-6843
4423 Robert A Labby \$64 223-5060
HAMILTON ST SW
3800 BARBUR BLVD SW
4601 NP
4604 Robert Turney \$241-7306
4619 Norman Malbin \$82 222-7245
W Temko \$85 222-7245
4620 NP
4622 P K Stricker \$87 274-9391
4624 Barry Larsen \$87 274-2729
4626 John G Bozich \$86 222-4951
Roger Dow \$86 222-4951
4627 Dorit Geardtke \$87 243-6667
Kyle Severson \$85 228-8202
4628 J Tuttle \$86 223-1204
4630 4636 4637 NP
SEYMOUR ST SW
101 RESIDENCE 10 BUSINESS
CONDOR PL NW 97229
New Street-1988
5440 Louis Hess \$629-5478
5460* Sunskit Develpmnt \$645-7878
1 RESIDENCE 1 BUSINESS
CONDOR WAY SW 97201
1-199 CT 54 SE.D17
26* Seventh-Day Advnst \$77 223-0623
CONDOR AVE SW

- CONGRESS AVE N 97217
4500-4999 CT 34.01 \$E.C17
6500-8299 CT 37.01 \$E.B17
PITTMON MAP LOC 166 H-36
4504 Ian Ogilvie \$87 284-4704
4512 Vernon C Brown \$67 288-2935
4519 4520 4522 4536 NP
500 GOING ST N
4806 Lovie Hill \$69 284-4192
4807 NP
4815 Claude Rice \$79 284-2315
4827 4828 4835 4636 NP
4837 NP
5401 BLANDENA ST N
4801 J Ligi \$84 288-2238
4802 Ginger Wilson \$85 249-1975
4805 V Fossell \$81 284-5270
4821 NP
HUMBOLDT ST N
550 PORTLAND BLVD N
6518 NP
6524 R J Schubert \$60 289-5171
6532 R Gary McAvoy \$79 289-4718
6535 A T Rupert \$56 285-4004
6540 James E Matteson \$56 285-4023
6545 6602 6609 6612 NP
6618 Bruce Harrold \$77 289-3149
6627 B Gent \$78 289-0087
6628 Randy Reichman \$76 285-4277
6635 James B Walker \$64 285-5018
Jim Walk Walker \$81 285-0478
Margaret Walker \$69 285-5018
6638 Fredk R Schneider \$61 285-7161
Roy Schneider \$61 285-7161
6705 6708 NP
6715 Dacodsa Ashby \$289-2240
6716 H Harold Roley \$56 285-4266
6726 Susan Lutton \$67 285-1706
6736 NP
450 DEKUM ST N
6808 NP
6816 D L Adams \$84 283-4392
6826 Paul Lowry \$79 285-2188
6834 NP
Vaughn W Cochran \$81 285-4057
6818 Thomas Johnson \$65 285-3866
6920 NP
540 BRYANT ST N
7024 K Shmanski \$76 289-6372
7025 Patrick Powers \$75 283-2993
7034 E D Carter \$81 283-0940
7041 7042 NP
7051 E F Arends \$61 285-2189
7052 Art Hage \$80 283-0064
7060 7061 NP
560 MORGAN ST N
LOMBARD ST N
540 COLUMBIA BLVD N
8255* Kostas Scrap Metal \$87 289-7894
57 RESIDENCE 1 BUSINESS
CONWAY SE 97222
Milwaukie
4500-4599 CT 208 \$C.G18
PITTMON MAP LOC 211 P-39
4503 4506 NP
4525 C Dean Wait \$70 654-8427
4526 Ron Rogers \$85 659-6543
4535 Paul Laws \$69 654-0453
4536 T D Criss \$69 654-8983
4545 L M Peterson \$87 654-8402
4546 Martin T Wooster \$67 659-8446
8 RESIDENCE
COOK N 97227
1-999 CT 22.01 \$E.C17
PITTMON MAP LOC 166 H-36
22 NP
32 C Benvenuto \$79 287-5892
100 E K Frater \$69 287-1527
115* Wonder Bread Bakry \$76 282-7506
3268 VANCOUVER AV
3250 COMMERCIAL AV
513 Thomas R Knight \$284-9147
530 S Warren \$86 288-2881
705* Art Knight Inc \$80 284-7431
3350 KRYG AV
BORTHWICK AV
719 727 NP
3200 ALBINA AV N
825* The Luck Co \$85 281-3818
MISSISSIPPI AV
917 NP
938 L C Ellison \$62 287-8162
950 Pete Patton \$81 288-8904
958 NP
MICHIGAN AV
11 RESIDENCE 3 BUSINESS
COOK NE 97212
1-699 CT 23.01 \$E.C17
PITTMON MAP LOC 166 H-36
11 19 23 NP
29 M Henderson \$60 281-9498
21 33 36 41 50 NP
25 Horace Black \$249-0192
58 NP
59 Nettie Brooks \$70 284-5523
63 NP
66 \$84 281-2000
73 Sontina Jackson \$76 284-4907
74 Dave Buchanan \$76 287-6910
77 A Casey \$75
89 NP
3230 RODNEY AV NE
208 209 NP
210 M E Ferguson \$78 288-2840
219 220 NP
229 Anita Coleman \$87 284-7971
Peety Trevino \$87 287-4882
301 302 NP
312 Carolyn Carson \$84 284-1249
3258 UNION AV NE
427 Robert D Gates \$80 287-4803
506 Eva Ellison \$84 287-6479
507 Betty Flowers \$71 281-7001
516 NP
526 James A Mayes \$70 281-5135
527 NP
536 N H Griffin \$58 287-8667
545 Dwayne Manning \$81 284-0352

Table listing addresses and phone numbers for Concord Ave N, including entries for 6616-6717, 1670 DEKUM ST N, and 650 BRYANT ST N.

Table listing addresses and phone numbers for Concord Ct SE, including entries for 15100-15199 TZ 218 and 1650 LOMBARD ST N.

Table listing addresses and phone numbers for Concordia College, including entry for 2811 Holman NE.

Table listing addresses and phone numbers for Concord Rd SE, including entries for 2300-3599 TZ 217 and 3600-4899 TZ 218.

Table listing names and phone numbers for Concord Ter Mbl Hm, including entries for Ted O Miller, Ronald Gorski, and others.

Table listing names and phone numbers for Stephen C Fountain and Oak Grv Assembly.

Table listing names and phone numbers for Perfect Look Hair, Christian Sply Chr, and other businesses.

Table listing names and phone numbers for Jeffrey D Manning, Rod Marsh, and others.

Table listing names and phone numbers for Hummel Frntnr Uphl and John L Hummel.

Table listing names and phone numbers for Clifford W Jones, Clifford R Smith, and others.

Table listing names and phone numbers for A W Warden, M A Gudman, and others.

CONDOLEA DR SW LK OSWG

Table listing names and phone numbers for Robert J Koch, Norval H Martin, and others.

CONDOLEA TERR SW LK OSWG

Table listing names and phone numbers for John Dailey, Irving L Wells, and others.

CONDOLEA WAY SW LK OSWG

Table listing names and phone numbers for George H Brustad, N Wentworth, and others.

CONDOR SE GRESHAM

Table listing names and phone numbers for Henry K Nielsen, Rick Carpenter, and others.

CONDOR AVE SW 97201

Table listing names and phone numbers for Paul A Schwabe, Brian Seaholm, and others.

PENNOYER ST SW

Table listing names and phone numbers for Paul A Schwabe, Brian Seaholm, and others.

CONDOLEA CT SW LK OSWG

Table listing names and phone numbers for Charles J Beek.

Table with columns for address, phone number, and listing details. Includes entries like 7200 NP, 7205 Gregory G Farver, 7217 NP, 7218 Fay C Ferguson, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3500 Northrup H Solum, 3511 *Ambyly of Year, 3601 *Brownell Holly, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3915 Vernon G Delap, 4005 George E Armstrong, 4028 NP, etc.

Table with columns for address, phone number, and listing details. Includes entries like 32 W R Sobotan, 36 Phil S Eaton, 120 Glenn F Gabbert, etc.

Table with columns for address, phone number, and listing details. Includes entries like 15110 Art Bernauer, 15127 Harold A Stohler, 2 RESIDENCE.

Table with columns for address, phone number, and listing details. Includes entries like 2310 Paul A Workman, 2403 William R Latham, 2424 Joseph A Miskch, etc.

Table with columns for address, phone number, and listing details. Includes entries like 2710 M J Cooper Jr, 2719 Stephen McGuffin, 2725 S A Wilkinson, etc.

Table with columns for address, phone number, and listing details. Includes entries like 2815 Donald A Darling, 2901 Charles W Rist, 2908 Richard A Persons, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3010 Carl D Grindle, 3012 Leona M Baker, 3020 L G Anderson, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3023 A H Yager, 3026 G K Summerville, 3040 Daniel J Evans, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3110 Darrell B Coffey, 3111 Robert W Welch, 3112 Robert B Welch, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3127 R D John Bowers, 3128 Ray E Walls, 3129 M D Dahlquist, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3203 Vardon E Knuth, 3208 Ted O Miller, 3213 Steven Wisley, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3221 Jeffrey Latenser, 3222 C M Schulz, 3224 L F Bailey, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3229 Robert C Burbank, 3306 Michael A Sorrels, 3311 D M Holm, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3314 John K Storm, 3315 M A Wilson, 3333 E J Bailey, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3500 Arthur L Abraham, 3501 C J Banko, 3502 Charles A Beck, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3503 Vinnie J Bell, 3504 Charles S Bentley, 3505 Ernest S Bergstrom, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3506 Otto Bristow, 3507 D Brooks, 3508 R D Cardwell, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3509 Ralph W Chaney, 3510 *Concord Terr Hme, 3511 W J Cranston, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3512 N M Curf, 3513 Gene Donahower, 3514 Betty J Egler, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3515 M S Eitis, 3516 Roy M Ek, 3517 J Leslie English, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3518 F L Fellingham, 3519 William Francis, 3520 Gerald B Halverson, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3521 Earl W Harnack, 3522 Betty Hoggan, 3523 Robert F Jackson, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3524 Hilding E Johnson, 3525 Leland I Killian, 3526 R M Larson, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3710 Dale Adams, 3711 Leslie M Allen, 3712 A Al-Khrayji, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3713 Dennis J Adams, 3714 A Al-Khrayji, 3715 B J Anderson, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3716 Edward J Arata, 3717 Thomas F Archer, 3718 Dennis Ashby, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3719 Lonnie Beach, 3720 Kelly Boyd, 3721 L A Byers, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3722 David A Cannon, 3723 M Carathers, 3724 Debbie A Childress, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3725 D Coley, 3726 C Connell, 3727 J A Corbett, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3728 Joe Cowling, 3729 Charles J Cultrera, 3730 Joe Currier, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3731 Richard G Denman, 3732 Mickey Dietrich, 3733 Joseph A Dietz, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3734 C L Drake, 3735 Gary R Ellis, 3736 Andrew H Erskine, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3737 Darlene Evans, 3738 Bruce E Fagg, 3739 Ronald D Fisher, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 3743 Brian R Gellatly, 3744 M Gevers, 3745 J L Graves, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 3749 Tina Havelhurst, 3750 C E Hitt, 3751 M M Hindey, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 3758 Gary L Johnson, 3759 Leonard E Jones, 3760 C N Kelley, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3761 Michael E Kenney, 3762 James D King, 3763 George J Kopp, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3764 Edward T Korpiita, 3765 E B Kuhr, 3766 B Lara, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3767 Michael D Laughlin, 3768 Pat Lewis, 3769 William V Lundgren, etc.

Table with columns for address, phone number, and listing details. Includes entries like 3770 L D Luond, 3771 V G McCaffree, 3772 Douglas M McClain, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 4606 H L Bottemiller, 4623 Donald B Reed, 4633 NP, etc.

Table with columns for address, phone number, and listing details. Includes entries like 4634 Glen A Brann, 4666 A E Baird, 4677 John W Main, etc.

Table with columns for address, phone number, and listing details. Includes entries like 4678 Robert D Timm, 4714 Lyle W Williams, 4742 Lino D Cartasegna, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 4771 Elizabeth Charles, 4782 Jerry M Gowan, 4783 J O Smithson, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 4791 Fred R Morrow, 4792 Lorie Morrow, 4794 John R McSperritt, etc.

Table with columns for address, phone number, and listing details. Includes entries like 4795 Chuck Sasse, 4797 William D Boyer, 4798 NP, etc.

Table with columns for address, phone number, and listing details. Includes entries like 4799 Clifford W Jones, 4808 Cyril G Smith, 4811 Kurt R Hutton, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 682 E J Gertz, 683 Norm Rosebrough, 684 Dale Keller, etc.

Table with columns for address, phone number, and listing details. Includes entries like 685 George Pike, 686 NP, 687 Mark A Bennett, etc.

Table with columns for address, phone number, and listing details. Includes entries like 688 Fred Bennett, 689 K D Hands, 690 K M Arnold, etc.

Table with columns for address, phone number, and listing details. Includes entries like 691 Charles Eider, 692 Akio A Namba, 693 Kim Farrow, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 697 J Evans, 698 NP, 699 Merwin Stephens, etc.

Table with columns for address, phone number, and listing details. Includes entries like 700 T Adams, 701 K C Wilson, 710 NP, etc.

Table with columns for address, phone number, and listing details. Includes entries like 711 Gene R Biggs, 712 Elmer G Nass, 713 NP, etc.

Table with columns for address, phone number, and listing details. Includes entries like 714 David Beebe, 715 L K Beebe, 716 28 RESIDENCE, etc.

Table with columns for address, phone number, and listing details. Includes entries like 717 NP, 718 NP, 719 NP, etc.

Table with columns for address, phone number, and listing details. Includes entries like 32 W R Sobotan, 36 Phil S Eaton, 120 Glenn F Gabbert, etc.

Table with columns for address, phone number, and listing details. Includes entries like 122 Howard E Brune, 124 Al J Davis, 126 J W Brayson Sr, etc.

Table with columns for address, phone number, and listing details. Includes entries like 128 Frank G Breuer, 28 RESIDENCE, 32 W R Sobotan, etc.

Table with columns for address, phone number, and listing details. Includes entries like 36 Phil S Eaton, 120 Glenn F Gabbert, 122 Howard E Brune, etc.

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Table with columns for address, phone number, and listing details. Includes entries like 120 Glenn F Gabbert, 122 Howard E Brune, 124 Al J Davis, etc.

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4005 A P KORTZ 2847476
4006 E GRUHM 2827871
4014 J SANDE 2845830
4015 FRED W CLARK 2842890
4026 NP
4027 C B ROCKSTAD NP 2820767
4034 R L MERRIGAN 7 2874536
4035 M WIGGINS 2811636
4046 PAUL EILEN 9 2841643
4047 PEGGY R CHURCHWELL 2816175
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4057 ARTHUR A BLOOM 2822050
4064 E L SPOONER JR 9 2819700
4065 ERNEST W NELSON 2870461
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4075 M DECKER 7 2823996
..... 97217
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4106 J C MILLER 2822873
4114 DARREL W PETERSON 2811636
4115 G JIL PETTIT 0 2871600
4124 V W STACHNIEWICZ 0 2821119
4137 GEORGE M LAING 9 2875021
4137 PEGGY LAING 9 2875021
4235 GERIE L WEAVER -2828356
4236 MARIE J FUERSTENAU 7 2810684
4403 G JOHNSON 3 2815236
4501 ETHEL A HIBBS 3 2842010
4606 ROLF O J RORVIK 0 2877890
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MRS STELLA L KNAPP 9 2826922
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4655 G R HERBER 7 2870558
4670 L W ESSLINGER 9 2877856
4675 S WILAND 2871648
4730 WALTER L SCHOOLER 2891981
4804 NP
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4830 NP
4904 W J SCOTT 2896128
4914 L W MURRAY 9 2854205
4933 WAYNE SIMONS 0 2855437
4935 SAM BROWN 0 2858000
5007 OPAL MCGINNIS 6 2856153
5015 J P GIGOUX 2857674
5027 M V CARLQUIST 2855465
5030 W J YOUNGMAN 0 2897323
5037 H FARLEY 6 2856327
5104 MRS ELLA KANTAS 2875637
5115 MRS ELLA WILSON 9 2857878
5125 F A DORIN 2899944
5133 ROBERT BANKA 2828280
5205 FAYNE F JOHNSON 9 2854778
5215 C C TUTTLE -2891300
5235 VINCENT P TRIPLE 0 2898300
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5304 E W HENDERSON 2855797
5309 J P BACHELDER 2856247
5316 V A PETERSON 2858024
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5411 WILLIAM JONES 2891052
5425 S PERRY 2855578
5520 R O BEACHELL 2856203
5605 D M PENDELTON 2832878
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5707 J KLAUS 7 2858246
5818 J R PERRY 9 2872269
5819 J K JENSEN 2857800
5824 ROBERT G BAIRENS 6 2851944
5825 F HULL 2858402
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GERRI MEYER -287214
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5915 JAMES F TRACY 3 2897555
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5935 H MOSTERT 7 2855892
6102 N F MOODY 2856705
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6110 S E BREL -2858116
6111 WILLIAM L ANTHONY 2897411
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6128 JACK L HOWARD 2857450
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6219 CHARLES M BERRY -2856868
DAN LYSKI -285419
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6525 NP
6536 K VANSOY 5 2853405
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7035 NP
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A H GILBERT 0 2890269
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ERIK BERGEE 9 2894804
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7405 D M DUFFEY 9 2898102
7406 L E JENSEN 9 2892334
7416 NP
7417 LAWRENCE L RANDALL 8 2856093
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OAK GROVE 2854205
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15110 ART BERNAUER 6 2854536
15127 HAROLD C STOHLER 9 6546657
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2424 JOSEPH A MIKSH 6 6540651
2425 HARRY MATTOON 6 6548415
2427 CHRIS MARTHALER 6 6544675
2491 E N RICKFORD 9 6597327
2510 MARGT A PRITCHARD 6542805
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2709 GLORIA CHADREL 6593592
2710 CARL P NELSON 9 6592907
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2757 NP
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REV LEON D HALL 6545187
3601 AMERSON BROWNELL 6544088
3718 DWIGHT TYSON 6542013
3816*CONCORD SUPT OFFC 6597610
3901 ANDREW L KIRKLAND 9 6591235
3915 RILEY E DELAP 6540993
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4141 W D KOEHLER 6545735
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4481 WILLIAM B NEELS JR 6540187
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4523 ROBERT H WOODEN 9 6544836
4526 MONTE R SWEITZER 9 6593904
4537 E BREKKE 6590234
4548 EVERETT E CANNON 6546766
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4623 DONALD B REED 6546684
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4798 R K CHRISTOPHER 6591223
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4811 CYRIL G SMITH 4 6544126
4819 WILLIAM W HOLMES 0 2896698
6525 W H HANER 2896248
145 RESIDENCE 5 BUSINESS
..... 97201

CONCORD AVE SW 97201
... 3600- 4499 T 60.01 \$A..G 7
... 4500- 4699 T 59 \$D..G 7
3605 W KALWELL 0 2225946
K KALWELTSON 0 2225946
N B ROBERTSON 0 2225946
3611 LARRY MCLAUGHLIN 2275088
3625 DON LATSWAG 22233493
JAMES A SEAFELD 9 22233493
W C SUTHERLAND 22233695
3635 NP
3716 NP
3722 CHARLES A ADAMS 8 2222343
3728 ROBERT W RAMSDALL 2274328
3736 NP
3845 NP
3852 NP
ROBERT B ANDERSON 7 2238262
PHILIP REECHEN 2236470
3900 HIROSHI UENO 9 2237005
3920 ALBERT R KENNEY SR 9 2237888
42238316
42238316
3944 R REDLICH 2281948
3956 HELE FARRSON 2282740
3964 LARRY B GORDON -2283711
3968 I FOLTZ 2280357
3976 M A FRERK 2285333
3977 NP
3983 L C LORENTZ NP 0 2224530
3983 GARY PARETT 22238964
3990 G W MILLETT 5 2283445
4000 GEORGE W C MARTIN 5 2283442
S MARTIN 22232342
C ROSLYN 5 2272721
NP
4014 L R BUNCH 2234218
4031 G REEY 2280610
4100 MARK H SHAFER 5 2274100
4103 NORMAN COSTA 0 2232285
ERIC L ODOM 0 2232695
4105 W D PHIPPS 0 2289811
4109 FRANCES H CAMPBELL 6 2235809
4112 JAMES E MUSGRAVE 2234245
4128 JOHN WAREHAM 2275199
4131 MARJORIE S WISEMAN 8 2883700
4140 PERRY R SLOOP JR 7 2887789
4141 J L SCOTT 2237733
4204 RICHARD W LEHFELDT 2225198
4208 D E JOHNSON 2286867
4211 DR RICH D CHAPMAN 2238485
4212 CHARLES FRITZ 22238485
GARY C MCLACHLAN 2225470
LARRY NAGEL -2238485
4242 JITH PLEFFER 22238485
DON PETERSON 22238485
4219 J B GRIMES 22238485
4224 C A DAVIS 2280336
4232 BEULAH ABBOTT 2280432
4241 R N VIDAN 2223780
4305 JOSEPH B VENTURA 2223028
4311 M G MCCULLOCH 2285760
4318 M G HAINES 2273301
R M HAINES 2282439
DOROTHY A WHITE 2225924
K SOGA 2287069
4328 ARNOLD D PICKAR 2228028
4335 JAMES P NELSON 0 2281687
4336 JACK K BENNETT 2225635
4400 N E GLENNING 5 2274500
4405 NP
4415 ELSIE M GLEYRE 7 2276843

4423 ROBERT A LABBY 4 2235060
4601 RICHARD R NELSON 2271386
4604 ROBERT W TURNEY 2276400
4619 BEVERLY MARVEL 2227038
4620 ALLEN C RYMAN 9 2284433
4622 STEVE ANDERSON 2230066
BOB W SMITH 9 2221488
BILL WOOD 2230066
4624 NP
4626 MICHAEL J LOCATELL -2232337
4627 JAY M BAKER 9 2281790
JUDITH KERR 2227107
4628 V EDWARD WILLIAMS 2234521
4630 M BATES -2270196
M VANVOLKINBURG 9 2270196
4637 MARK H EPTING 0 2280817
KAREN E KYLE -2224693
85 RESIDENCE

CONDOR WAY SW 97201
... 1- 199 T 54 \$D..G 6
... 26*SEVENTH-DAY ADV CH 2230623
1 BUSINESS
CONGRESS AVE N 97217
... 4500- 4999 T 34.01 \$E..G 4
... 6500- 8299 T 37.01 \$B..G 4
4504 E S WARREN 2878916
4512 VERNON C BROWN 7 2882935
4519 ALONZIE CUNNINGHAM 0 2840177
B B CUNNINGHAM 2840177
4520 R KIRK 3 2824039
4522 MRS JOHN L IVORY 2 2814907
4536 NP
4541 JOE HARDY 2824809
4606 LOVIE HILL 9 2841492
4607 GERALDINE GATLIN 9 2813789
4627 ANGIE L DAVIS 2844691
NP
4636 NP
4637 NP
4707 NP
4725 GLORIA WELLMON 2810896
4735 NP
4801 NP
4802 ANNA E JOHANESON 7 2819747
4805 DICK UYESUGI 9 2812369
4818 JIM H SMITH 2892726
6524 R J SCHUBERT 2895171
NP
6532 NP
6535 ALICE T RUPERT 2854004
6540 J E MATTSON 3 2854215
6545 A PRINCE 2854115
6602 A S PERSON 2854322
6609 NP
6612 JOHN W GRAHAM 8 2854817
6618 RONALD P SMIT 9 2895039
6627 MRS B GENT 2890087
6628 ALVIN BYLE -2833609
6635 JAMES B WALKER 4 2850518
MARGARET WALKER 9 2850518
6638 E A BIEKER 3 2857161
6705 ILENE M COWDEN 9 2858828
BETTY E PACKWOOD 2858828
6708 CHARLES A FAGAN 2854051
NP
6716 H H ROLEY 2854266
6726 BETTY TELLADO 2857220
LUIS TELLADO 2857220
6736 L R BROOCK 2854038
2851288
6826 D LOWRY 2899629
6834 ROBERT D MADARIS 2852358
6900 WM F VANLAKEEN 2853868
6916 JOHNSON 2850779
6920 CLARD E PAUL SR -2850779
EDRA L WILKINS 9 2858079
7034 EULAH HUFF 8 2894534
7041 ANTHONY LIMA NP 2892683
7042 NP
7051 E F ARENDS NP 2852189
7052 J A GARLINGTON 7 2855356
7060 ROY A WARD 9 2891950
7061 HENRY A BOEHMER 5 2895952
8205*OREGON FUEL CO 2856374
56 RESIDENCE 1 BUSINESS

CONIFER TERR LK OSWG 97034
..... 97034
... 1700- 1799 T 204 \$A..B 5
1705 WILLIAM P GRESHAM 6 6368048
1708 LUIS V BOVE 6362667
1723*DALGLES CAN YET ABCO 631258
1724 DELMAR P OWNBEY 8 6361258
1726 ROBERT F KINKLEA -6362727
1731 H W BARKELL 6366087
1737 S B HAIN 9 6362362
1764 G R HAMMOND 6362031
1765 THOMAS O MABRIER 9 6361493
1777 J MACKE 9 6365340
1791 E M BURDETTE 9 6365340
10 RESIDENCE 1 BUSINESS

CONNELL AVE N HIL5800 97123
... 100- 150 T 326 \$C..B 5
125 ALLEN ADE 9 6486931
140 DOROTHY M CARTER 0 6483214
JOSEPHINE MERCK 6 6486287
149 EMIL L KLAIN 6 6483648
165*MARVIN B WARD 6 6484024
175 SARAH S STANLEY 6 6485216
209 MARVIN H NEULEIB 6 6487243
219 OSVALDO HINOJOSA 7 6487403
248 C G BENHAM 6 6483403
251 ERNEST SPRENG 6 6482586
NP
258 CLAY ROSENBLUM 6 6483602
265 CLAY ROSENBLUM 6 6487519
307 HENRY C HOUSLEY 7 6485663
336 DELMAR BARNETT 6 6485383
342 ROBERT L MCMILLAN 6 6483701
360 HOWARD THOMAS NP
455 LAWRENCE B FLINT 6 6484710
506 R L EDWARDS 0 6481377
532 WERNER C SHEETS 0 6484379
533 L F WARNER 0 6486827
537 EUGENE FELDT 9 6485337
620 JACK W WASSON 6 6481271
690 CHET CROENIT 6485604
1905 WARREN C BYBEE 6 6481607
28 RESIDENCE

Table with columns for address, phone number, and name. Includes listings for Deborah C Harwood, Carol Williams Berger, Brad K Owens, etc.

Table with columns for address, phone number, and name. Includes listings for Teresa Pearl Pemberton, Susan E Reese, Chelsea Rowland, etc.

Table with columns for address, phone number, and name. Includes listings for Northwest Plumbing System, Matthew T Rozzell, Stephanie R Rozzell, etc.

Table with columns for address, phone number, and name. Includes listings for Wandia F Broadwell, L Rae Guyton, Stefan Inack, etc.

Table with columns for address, phone number, and name. Includes listings for Business Technology Solutions, Sean P Haines, Hunter Hawkins, etc.

Table with columns for address, phone number, and name. Includes listings for Dorina Segovia, Jose T Segovia, Home Rehab Specialist, etc.

Table with columns for address, phone number, and name. Includes listings for Argay Disposal Service, Richard L Cereghino, Jed Andrew Wiant, etc.

Table with columns for address, phone number, and name. Includes listings for Anne Elizabeth Sammy, Kenneth Sammy, William C Preble, etc.

Table with columns for address, phone number, and name. Includes listings for Cheryl D Gronholm, Michael R Gronholm, Inflex Corp, etc.

Table with columns for address, phone number, and name. Includes listings for Barbara Kay Lamb, Vonciea Hatt, Bernice L Dalziel, etc.

Table with columns for address, phone number, and name. Includes listings for Dana T Collinson, Roger L Collinson Jr, Mary C Justice, etc.

Table with columns for address, phone number, and name. Includes listings for Garrett Shaw Wilson, Holly Jean Fries, Roy J Fries, etc.

Table with columns for address, phone number, and name. Includes listings for Sheri Stokes, William H Clare, Marion P Latalois, etc.

Table with columns for address, phone number, and name. Includes listings for Elizabeth W Adams, Tammy K Rhodes, Nikki J Barnes, etc.

Table with columns for address, phone number, and name. Includes listings for Gary L Garrett, Kathy Garrett, Colin Gidding, etc.

Table with columns for address, phone number, and name. Includes listings for Barbara Joyce Burgess, Brett A Burgess, Persida Covaci, etc.

Table with columns for address, phone number, and name. Includes listings for Laura M Metesh, Bradley C Wahl, Josh Bowie, etc.

Table with columns for address, phone number, and name. Includes listings for Angel G Gritters, Brad Wayne Gritters, Frances Faye Shauwn, etc.

Table with columns for address, phone number, and name. Includes listings for John A Sweets, Elvira Dale, John E Kelly III, etc.

Table with columns for address, phone number, and name. Includes listings for Robert P Adams, Virginia L Adams, Lorrina Marie Marr, etc.

Table with columns for address, phone number, and name. Includes listings for James A Dewey, Gerald Bruce Black, Judith Ann Black, etc.

Table with columns for address, phone number, and name. Includes listings for Douglas G Rhodes, Kelly K Rhodes, Nikki J Barnes, etc.

Table with columns for address, phone number, and name. Includes listings for Jerry Guy Rhodes, Mary Rhodes, Nancy Jane Hooley, etc.

Table with columns for address, phone number, and name. Includes listings for Christine M McArdle, Alan E Garrett, Pro Superior Construction, etc.

Table with columns for address, phone number, and name. Includes listings for Ricky Kautz, Neil Joachem, Neil Joachem, etc.

Table with columns for address, phone number, and name. Includes listings for Margaret D Earls, Matthew T Ashpole, Anna I Kuznetsov, etc.

Table with columns for address, phone number, and name. Includes listings for Harry B Waller II, Robin D Carroll, Barbara J Hogan, etc.

Table with columns for address, phone number, and name. Includes listings for Gary H Boetger, Mary A Kinsman, Beulah R Casale, etc.

Table with columns for address, phone number, and name. Includes listings for Amber Brown, Late Olan Brown, Deborah Renner, etc.

Table with columns for address, phone number, and name. Includes listings for Robert Eric Lind, Gabriel F Cook, Dolores M Vilstrup, etc.

Table with columns for address, phone number, and name. Includes listings for Regina Sebbo, Catherine A Hilger, Dennis A Hilger, etc.

Table with columns for address, phone number, and name. Includes listings for Gary H Boetger, Mary A Kinsman, Beulah R Casale, etc.

Table with columns for address, phone number, and name. Includes listings for Conception Ambriz, Allen Barnett, Dumitru Botz, etc.

Table with columns for address, phone number, and name. Includes listings for Rayne M Peraza, John Edward Reeder, Stephen St John, etc.

Table with columns for address, phone number, and name. Includes listings for Debbi K Anspach, James Eric Anspach, Barbara Ann Mares, etc.

Table with columns for address, phone number, and name. Includes listings for Betty R Irvine, Claudia J Marsh, Jeanie Marsh, etc.

Table with columns for address, phone number, and name. Includes listings for Gloria Frandsen, Andrea J Grant, Craig Green, etc.

Table with columns for address, phone number, and name. Includes listings for Wesley D Cox, Michael Gordon Schmeer, Shirley H Schmeer, etc.

Table with columns for address, phone number, and name. Includes listings for Margaret F Jung, Charles F Deves, Shirley M Deves, etc.

Table with columns for address, phone number, and name. Includes listings for William W Kemp, Del E Colton, Grace Colton, etc.

ADDRESS

SE OATFIELD RD

Table listing real estate transactions on SE Oatfield Rd, including names like Isabel James, Barbara Maxwell, and various addresses and prices.

SE HOLLY AVE INTS

Table listing real estate transactions on SE Holly Ave Ints, including names like Lois H Smith, Gertrude Oppenorth, and various addresses and prices.

SE COUNTRY RD INTS

Table listing real estate transactions on SE Country Rd Ints, including Mary Jeans Flowers & Gifts Inc.

SE PINEHURST AVE INTS

Table listing real estate transactions on SE Pinehurst Ave Ints, including names like Bert R Ginters, Virginia Lee Scalfrank, and various addresses and prices.

SE HILL RD INTS

Table listing real estate transactions on SE Hill Rd Ints, including names like Margaret A Lind, Lura Lynn Conatore, and various addresses and prices.

SE HILL RD INTS

Table listing real estate transactions on SE Hill Rd Ints, including names like Margaret A Lind, Lura Lynn Conatore, and various addresses and prices.

Table listing real estate transactions on SE Maple St Ints, including names like Susan K Fontana, Allan Crouser, and various addresses and prices.

SE HAGER LN INTS

Table listing real estate transactions on SE Hager Ln Ints, including names like Matthew K Anderson, Jacquelyn M Mason, and various addresses and prices.

SE OATFIELD CT INTS

Table listing real estate transactions on SE Oatfield Ct Ints, including names like Northwest Plumbing Systems Llc, Matthew T Rozzell, and various addresses and prices.

SE ROLIS AVE INTS

Table listing real estate transactions on SE Rolis Ave Ints, including names like Amel Karaselmovic, Audrey Wolfe, and various addresses and prices.

SE SPAULDING AVE INTS

Table listing real estate transactions on SE Spaulding Ave Ints, including names like Amy D Cowling, Scott R Cowling, and various addresses and prices.

SE CONCORD RD INTS

Table listing real estate transactions on SE Concord Rd Ints, including names like Insignmakers Photography & G, John A Swayers, and various addresses and prices.

SE RAYMOND ST INTS

Table listing real estate transactions on SE Raymond St Ints, including names like Proto Tech, Harry B Waller II, and various addresses and prices.

SE MCNARY RD INTS

Table listing real estate transactions on SE McNary Rd Ints, including names like Laura Lee Pelloquin, Raymond J Pelloquin, and various addresses and prices.

Table listing real estate transactions on SE Allen Rd Ints, including names like Richard L Broadwell, Wanda F Broadwell, and various addresses and prices.

SE NAEF RD INTS

Table listing real estate transactions on SE Naef Rd Ints, including names like Jaroslav Liska, Karen A Liska, and various addresses and prices.

SE OAKLAND AVE INTS

Table listing real estate transactions on SE Oakland Ave Ints, including names like Holly Jean Fries, Roy L Fries, and various addresses and prices.

SE ROETHE RD INTS

Table listing real estate transactions on SE Roethe Rd Ints, including names like Maria Forton, Silviu Forton, and various addresses and prices.

SE THOMAS SMITH RD INTS

Table listing real estate transactions on SE Thomas Smith Rd Ints, including names like Robert P Adams, Virginia L Adams, and various addresses and prices.

SE OAKGROVE DISPOSAL INC

Table listing real estate transactions on SE Oakgrove Disposal Inc, including names like Gary H Boetger, John Patrick Volk, and various addresses and prices.

Table listing real estate transactions on SE Clayton Ave Ints, including names like Del E Colton, Grace Colton, and various addresses and prices.

SE JENNINGS AVE INTS

Table listing real estate transactions on SE Jennings Ave Ints, including names like Gregory P Heydel, Jill M Heydel, and various addresses and prices.

SE OATFIELD HILL RD

Table listing real estate transactions on SE Oatfield Hill Rd, including names like Julie Cruson, Margaret McMillan, and various addresses and prices.

SE OATMAN AVE

Table listing real estate transactions on SE Oatman Ave, including names like Cynthia L Moore, C D Kokich, and various addresses and prices.

SE SARATOGA ST INTS

Table listing real estate transactions on SE Saratoga St Ints, including names like Andrew Lino Giarelli, Kimberley Ann Giarelli, and various addresses and prices.

SE BRYANT ST INTS

Table listing real estate transactions on SE Bryant St Ints, including names like Barbara Ann Volk, John Patrick Volk, and various addresses and prices.

SE OAKGROVE DISPOSAL INC

Table listing real estate transactions on SE Oakgrove Disposal Inc, including names like Gary H Boetger, John Patrick Volk, and various addresses and prices.

SE OAKWOOD AVE

- 97267
14315 Dean L Reaksecker 69 659-2900
14321 14326 NP
14329 NP
14335 NP
14353 Larry D Wilks 74 654-6925
11 RESIDENCE

NW OATFIELD CT

- 97229
New Street-1974
11900-12099 CT 315.08 SA.C. 5
THOMAS BROS MAP LOC 595-C3
11905 NP
11920 Richard J Wagner 83 643-8475
11925 NP
11940 Clark Berry 95 643-5223
11945 NP
11960 Walter Cross 74 646-0890
11965 Jerry Hagen 90 646-8788
11980 NP
11985 NP
11985 NP
12005 Eugene T Jewett 74 646-6470
10 RESIDENCE

SE OATFIELD CT

- 97267
3800-3999 CT 214 SB.H18
THOMAS BROS MAP LOC 657-A6
3819 Arthur E Freiter 91 653-1685
3822 Myles E Theberge 68 659-0321
3835 M Aune 80 654-3787
3869 Lloyd R Rountree 68 659-3167
3882 Roy H Kruger 72 654-2690
3921 M L Westerfield 72 654-7925
3939 Chuck Passavant 91 653-0115
3945 R W Bennett 70 659-6560
3957 Fred Elston 78 654-7663
3962 NP
3965 B Cornett 96 654-1742
3970 P M Knapp 87 659-1942
12 RESIDENCE

SE OATFIELD RD

- 97222
Milwaukie
E 12100-12396 CT 215 SB.G19
O 12101-12397 CT 208 SB.C208
12398-13899 CT 214 SB.H18
13900-15389 CT 214 SB.H18
15226-17599 CT 218 SB.D 6

THOMAS BROS MAP LOC

- 657-A4
THOMAS BROS MAP LOC 687-C1
John R Jaeger 78 654-8349
J L Sherrick 97 654-4536
12100 12104 12116 NP
12150 Matthew Wasson 81 513-0799
12153 V J Shoemaker 94 786-9309
Dr V P Shoemaker 96 654-1576
12172 Kenneth A Reynolds 68 654-1210
12175 12200 NP
12216 Sara & Mike Amato 81 513-6038
12222 Michael P Knowles 78 654-5768
12217 NP
12249 L T Meyer 77 659-8413
12250 12281 NP
12300 Michell Pantano 82 653-07185
12313 NP
12315 Erich P Reich 70 654-0802
Mary Reich 97 654-4379
12319 Steve Toussaint 93 654-7129
12323 NP
12352 Vernon A Thompson 77 659-0870
12356 Caesar Malvar 69 654-3117
12360 Wally Fetty 89 653-2898
12364 Dennis Stelter 96 786-1887
12365 NP
12374 Rod Poole 94 653-6153
Michelle Remington 81 794-0558
12400 Brad Owens 86 653-0364
12414 M Mark 65-7414
12509 NP
Jeff Kadon 786-9005
L G Storr 94 786-9984
12515 Charles Kuhne 96 652-5176
Best Staffing Svc 97 652-5273
12530 Apartments
P Armour 95 654-4060
Rick Coster 97 613-9644
Daniel Robinson 97 553-8617
Steven Santilli 89 659-1584
C Sloan-Nicholson 513-9011
Dana Tillotson 89 659-1608
12532 Mark Gorski 786-4775
12600 Mike Gronholm 77 653-1167
Mike Gronholm 89 653-4083
12612 Perry L Hughes 69 654-9685
12624 C R Anderson 69 654-0552
12628 David R Lehnert 653-2860
12629 NP
12639 William H Clare 63 654-7901
12637 C A Nelson NP
12661 NP
12675 Keith L Younger NP
12703 NP
12714 William Paugst 81 659-4805
12718 Meredith A Brown 67 654-4643
12722 Carl F Hueners 70 654-9061
12726 NP
S Calende NP 513-0909
12810 SE PARK AVE INTS
12811 Laura Metesh 84 652-1665
Bradley C Wahl 89 653-7571
12876 Harry F Milne 89 653-7571
SE EVERGREEN AVE INTS
12904 12905 12909 NP
12912 NP
12921 Calvin Jaggar 83 659-7268
13003 Jack Hodge Htg&Ac 93 659-7069
13012 Gerald Black 82 659-6930
13013 T C Rosanbalm 75 654-6964
13107 Tonya K Spurgeon 96 659-5313
13115 Olen B Everson 79 654-5993
13118 Sandy Donorfelt 93 654-4105
SE SILVER SPRINGS INTS
13205 13207 13209 NP
13211 Christina Anderson NP
13213 V Lee 96 654-8457
13215 NP
13221 13217 NP
13224 Kristi Miller NP
13225 V L Cannell NP 794-1154
13252 13253 NP 64 654-0671
13257 T Huckaby NP
13264 13271 NP 652-0521

- 13291 Mike Terpstra 786-1632
13303 Eduardo Sanchez 786-7931
13311 George J Cameron 65 659-4196
13314 B Kruger 652-1099
13360 J E McCracken 97 653-5353
SE CINDERELLA CT INTS
13400 Pat Ryan 94 786-4531
13401 Ronald Cassaway 88 654-3917
13405 Lawrence A Voss 63 654-4324
13420 Leo D Roloff 63 654-3840
13445 NP
13455 Apartments
Teri Anderson 95 786-3726
Jim Embree 92 653-6116
Nikolay Ferenchuk 97 654-9296
P Gerritz 94 786-1697
Vance Linse 92 786-3965
Richard Manus 97 652-7979
M Morgan 81 794-8032
R E Parker 96 652-1751
Pam Ralton 95 659-4177
David Stewart 97 794-9128
Geraldine Swift 87 786-2423
B10
SE LOEFFELMAN RD INTS
13504 Charles Potter 659-7072
13509 13511 13513 NP
13515 13517 13519 NP
13520 13521 NP
13522 Dennis Anderson NP 794-8163
13571 13573 NP
13611 NP
13615 George Hurlburt 652-2614
13616 L M Eppick 63 654-2887
13617 Richard Tackabury 654-6270
13619 J L Craig 513-5043
13627 S Charter 652-5065
13633 John W Ritchie 659-2053
13637 Ruth B Cach 654-3289
13638 Michael Ormsbee 97 653-9011
13639 Flora Lansing 81 659-2149
13641 M L Becker 659-9289
13709 NP
13716 H T Ogenorth 63 659-1668
13717 Stanley L Hittle 94 786-2166
13718 Jackie Lightner 81 654-7911
13720 NP
13730 Chris Sendek NP 513-9695
13740 NP
SE WILLAMETTE AVE INTS
13822 John E Busch 76 654-2519
* Mary Flowers&Gifts 84 653-8444
SE COURTNEY RD INTS
97267
13900 Bert R Gritters 68 654-1326
Nicole L Sanders 81 513-9278
13909 Thomas A Shauvin 73 659-2658
13911 Connie Utley 97 794-1144
13915 Chang W Kang 81 786-9468
13917 NP
13920 NP
13921 NP
SE PINEHURST AVE INTS
14000 14005 NP
14014 Nancy Johnson 83 654-3843
14035 Apartments
Glenda Davis 81 654-2218
14037 B Morris 97 786-4558
14039 14041 14045 NP
14047 14049 NP
14051 L R Brown 97 786-9891
14053 Margery E Dietrich 87 654-2975
14104 Bob Earls 92 786-1606
14111 *Evergreen Services 81 513-0412
14160 NP
14209 Pat C Kennedy 84 653-6553
14222 Mark Cozzi 97 659-8114
SE CHESTNUT ST INTS
14304 R E Lind 97 654-1749
14308 Apartments
Melvin R Hamilton 794-2909
B Seth Hamilton 652-4339
14311 Leo Vilstrup 69 654-0037
14312 14316 14317 NP
14320 Steven K Bebb 85 653-2308
14323 NP
SE HILL RD INTS
14404 Debra Overton 659-6517
14409 John Reeder 95 786-4772
SE MAPLE ST INTS
14504 Bryan McRobbie 652-5114
SE OAK GROVE BLVD INTS
14600 14602 NP
14608 Randall Mach 97 653-2404
D Salisbury 81 659-5254
14620 Thomas V Arko 79 653-9297
SE HAGER LN INTS
14700 NP
14717 James N Deis NP 77 659-2244
14723 14726 14729 NP
SE OATFIELD CT INTS
14801 NP
14806 NP
14807 S Parker 89 659-5760
14810 Norman Michal 82 654-0841
14812 NP
14815 Jed Wachlin 95 654-3642
14818 James R Craig 79 659-3281
14821 Annette K Hadaway 81 654-7328
Walter H Schroeder 66 654-3918
14909 James A Guffey 80 659-3971
14915 Audrey Wolfe 92 786-3012
Howard H Wolfe 73 659-6194
14922 NP
14927 Joseph C Smolen 87 654-3712
14928 15007 NP
15011 Charles McGee NP 513-0234
15016 Marilyn Michael 74 654-4738
15020 NP
SE RISLEY AVE INTS
15101 NP
15106 Kyle Kaufman 81 653-0036
15109 M Thielke 92 653-7180
15111 Douglas A Newman 78 654-8483
15113 Myong Hyland 86 654-2518
15117 Robert E Byers 90 654-8444
15118 NP
SE SUNSET CT INTS
15204 Lance M Griffin 85 653-5289
15206 M Pongratz NP 654-3580
15207 Ben Roos 97 652-1739
15212 Calvin E Potts 84 653-1558
15218 15221 15222 NP
15232 Joseph E Bender 97 653-0894

- SE SPAULDING AVE INTS
SE VIEW ACRES RD INTS
15300 15303 15311 NP
15312 John Roley 94 786-6824
15318 Clarence R Mooers 86 653-0142
15322 NP
15333 J R Nathan 95 659-8611
15355 Mark R Clifford 96 786-1358
Mark R Clifford 95 794-1049
SE CONCORD RD INTS
15404 Jerry G Rhodes 71 654-3845
15409 NP
15412 Ramona Olson 92 659-3983
R Isseem 90 654-6404
15500 15511 NP
15501 S Cavanaugh 94 653-3860
15593 S Batchelor NP 652-8050
Glen D Parker 69 659-0644
15598 John E Raines 92 653-6797
15599 Thomas Hogan 95 794-9810
15601 NP
15604 Brian Hall 94 786-7939
Brian A Hall 81 652-6169
15607 NP
15609 NP
15612 Dennis A Hilger 71 659-6508
Jack W Peters 97 653-2546
15615 NP
15650 John J Gerhardt 68 659-0968
15653 NP
15655 Julie Redford 92 653-2256
15710 Jack Peruzzo 63 654-8329
15714 NP
15717 NP
15722 Dan Roney 77 653-0912
15800 Franz G Ferchland 94 654-4143
15810 Wm D McDonald Atty 69 659-2998
* McDonald W D Atty 97 659-2998
15813 J C Reasoner 66 659-2967
15817 Mike Budeau 85 654-2020
W K Downing 80 654-2020
15818 15819 NP
15903 Theo T Hartzell 97 659-5540
* Hrtzl&Sons Inc 97 659-6200
15904 NP
15907 NP
15909 A E Jung 93 659-0036
15910 Charles T Daves 67 654-4942
15917 NP
15919 NP
15920 Jeffrey Dahl 96 653-7213
15921 NP
SE ALLEN RD INTS
16003 NP
16010 Richard Broadwell NP 513-9948
16011 NP
16015 Marin Nita NP 786-2432
16018 NP
16023 William C Preble 63 654-1962
SE HAEF RD INTS
16106 16109 NP
16110 Kirk Stewart 95 653-1220
16118 Leland Wallace 64 654-2905
16130 16131 NP
16137 Wesley J Gerber 63 654-3540
* Better Remod&Dsgn 97 786-4849
16142 Deana Gerstein 81 659-1026
16210 Ronald H Landers 659-9021
16216 16221 NP
16222 Charles Willock 63 659-2826
16305 Susan E Rossman 97 659-8016
16306 *Custom Drap Crtns 81 653-5044
16323 NP
16449 Karen Coleman 97 653-2653
D J Scott 652-0114
16464 John L French 95 653-6360
16469 F Allman 652-2202
16507 Silviu Forton 95 786-8832
August E Oetken 81 654-3887
Billie Gardner 90 659-6660
16509 NP
16511 W B Eisenman 76 659-7647
16515 Allen G Plummer 74 659-5917
16516 NP
SE ROETHE RD INTS
16671 R P Adams 63 654-8103
16695 Michael B Marr 93 654-8761
16699 NP
16704 John L Hummel 89 654-2112
John L Hummel 87 654-1725
Tracy Hummel 654-2245
* Hummel Furniture 85 654-2112
Margaret Dresie 89 653-5693
16721 Alan Garrett 97 656-8332
16724 Greg MacHacek 81 513-4795
16739 Stacy Kersting 97 789-4028
16777 Viktor Shevtsova 96 659-9738
16787 Aleksy Rasly 81 353-9846
16800 Clyde Dearnitt 92 653-5863
16809 NP
16810 NP
16822 16868 NP
SE MCNARY RD INTS
16908 Raymond Peloquin 91 659-4754
17007 G Boetger 91 786-0711
17014 John Kinsman 70 654-9377
17021 Louis F Casale 66 659-0995
17024 Jennifer Rhode 81 513-6277
Randy & Mary Rhode 659-7064
17025 Louis G Muller 73 654-9897
17055 Jay Lilly 93 653-8625
17091 NP
SE CLAYSON AVE INTS
17100 17106 NP
17110 Eric Eidam 97 794-0796
17111 Allan Stabenow 96 794-9323
17116 J Hicks 97 659-8332
17120 Maylon R Ingersoll 96 659-3859
17125 17128 17148 NP
17158 NP
17175 Felipe A Carrasco 653-1096
Fred Levitt 654-8367
17193 Rob Kahke 93 786-6249
17221 *1 Ost Inc Grry Dd 94 653-2323
* Kappel Garry&Olv 94 653-2323
17223 NP
17243 Del Colton 94 659-4363
17246 NP
17265 Jim Barnes 81 653-8168
17266 Maria Fedosov 654-8473
17271 NP
17284 C H Thomas 90 654-5770
17285 Jack Barber 81 653-9835

- 17285 Jack S Barber 69 659-4787
SE JENNINGS AVE INTS
17300 Leo Magnuson 93 786-7846
17301 17305 NP
17307 Richard Finn 95 786-9479
Apartments
Norman D Carr 79 653-6133
Norman D Carr 353-9612
BSMT Jason Scourp 513-9040
17311 E E Graf 97 652-9450
17312 Vickie Trpton 81 654-3581
17320 Steve Evans 81 353-9733
Robert Gable 87 653-0733
17326 NP
17400 G Heydel 93 786-8195
Ted Heydel 93 786-0810
17411 Doug Merrifield 97 654-8442
17414 Paul Koch 65 659-0418
* Sunrise Crdrd Rity 92 653-7787
17415 Don P Burdick 71 654-0633
17503 James A Rose 83 652-3949
17514 George H Burr 63 654-5598
17515 Earl Diment 95 652-9717
* D W Educ Cnsltns 95 652-9717
372 RESIDENCE 13 BUSINESS

N OATMAN AVE

- 97217
6700-7499 CT 39.02 SE.B16
THOMAS BROS MAP LOC 566-D5
R A Brown 78 289-2662
James D Kalmbach 93 289-2662
T R Phelps 56 283-5526
6726 Scott Derieux 81 289-2583
Scott Derieux 97 289-9977
6738 Lloyd Binington 93 735-1952
N SARATOGA ST INTS
8808 NP
8818 J Remnick NP 77 285-5986
8818 David Witham 80 289-3918
8906 Joseph O'Donnell 81 735-9240
6912 NP
6927 NP
6934 W G Kovar 56 289-0615
6939 6942 NP
6951 NP
6954 NP
6966 Rusty Smith 89 285-3319
6975 Michael L Houston 81 289-7391
N BRYANT ST INTS
7006 David Dahl 96 286-8171
7016 Allen N Cummings 73 283-4311
7017 C A Ramey 81 289-3672
7025 M M Fink 83 289-0188
7026 *CM Court Reporting 96 289-7356
* Maguire Chsrtn C 97 289-7356
7038 M Miller 92 285-0939
7039 Nelson Cruz 85 286-0154
7047 Robt W Trullinger 75 289-0751
7050 NP
7058 Isaac Papkoff 56 289-5816
N MORGAN ST INTS
7104 Susan Wallen 86 285-6498
7105 M N Pearce 56 289-3689
Greg Downey 81 283-3845
7114 NP
7123 Thomas Tittle 95 289-2452
7131 NP
7134 Anna Evenson 96 285-2098
Kirk Nichols 96 285-2098
7139 D W Smith 89 289-1913
N HOLLAND ST INTS
7202 Guillermo Garzon 97 289-7857
Oscar Moscoso 81 285-9428
7210 W Sobotka-Soles 81 283-0530
7211 Lloyd Smith 57 289-6894
7216 Andrew Canulette 81 283-6017
7223 NP
7234 T M Glass 78 289-8702
7235 Steve Hunt 95 283-0969
7306 NP
7309 Herbert O Wooten 85 285-2907
7312 Marvin A Johnson 78 283-1058
7324 Melbar Lepley 91 289-3830
7327 M Ramsey 92 285-4458
7334 Alta Robinson 56 289-3042
N LOMBARD ST INTS
51 RESIDENCE 2 BUSINESS

N OBERLIN ST

- 97203
4700-6699 CT 40.02 SE.B15
THOMAS BROS MAP LOC 566-B4
THOMAS BROS MAP LOC 565-J4
John N Kellner 97 285-3043
Carl J Kellner Jr 90 285-3043
4708 NP
4709 NP
4712 4718 4742 4755 NP
4768 James M Nelson 68 289-3589
N FISKE AVE INTS
N STOCKTON AVE INTS
4820 K Kessi 92 286-0799
4835 Isaac J Lacey 64 289-2931
N JORDAN AVE INTS
4914 4931 NP
4936 Willard Korbe 72 289-4378
N HAVEN AVE INTS
5005 NP
5006 John Bishop 71 289-4465
5015 J Havik 87 289-8819
5020 5023 NP
5028 David Wesche 97 286-4407
5037 Michael Little 97 978-0952
5040 C Queen 81 735-9954
N HODGE AVE INTS
5202 NP
5208 Harold M Johnson 60 289-1613
5214 NP
5224 C Kelleher NP 285-6446
5228 NP
5240 Susan Lemaster 95 289-1004
N STANFORD AVE INTS
5253 Terry Flack 69 285-7266
5254 Laurie Field 97 240-8162
5266 E Minshall 65 283-7871
* Matrix K Group 247-9086
5269 Francis R Keagbine 81 289-6823
5278 Lester E Thompson 56 289-7394
N PORTSMOUTH AVE INTS
5316 5328 NP
5331 Cathleen L Prindle 93 289-3065
5335 NP

ADDRESSES

OAK SHORE LN SE

1652 97267
1675 Alfred Mick NP 659-5793
Dr Alfred M Mick 77 659-8921
1701 Dr W H Clarke 93 659-1898
1702 Glen D Sorrels 69 654-5034
1710 N K Parker 659-4396
*Qualif Rsdlt Lndg 786-7262
1711 NP
1719 Corey Shumway NP 654-4746
1725 1735 1753 NP
1885 R Dale Anderson 85 652-1486
Michael J Fulop 85 652-1486
1896 1900 1901 1905 NP
Michael P Boyle 90 654-0952
Derek Tard 85 654-9377
1920 Richard W Holmes 81 654-0765
1950 Eugenia B Resler 81 654-2153
26 RESIDENCE 1 BUSINESS

DAKS LN SW

New Street-1939 97224
9741 Vern Malen 93 624-1906
9749 M J Hollen 93 598-7934
9758 NP
9798 David J Peters 81 639-6249
4 RESIDENCE

OAKTREE LN SW

New Street-1979 97224
King City
15300-15599 CT 308.02 SA.D. 5
PITTMAN MAP LOC 231 R-31
15345 Mrs Doris Burkland 80 639-3859
15350 A E Alspaugh 79 639-7207
15365 NP
15370 Louis Quincy 85 620-5616
15375 NP
15385 Virgil G Brown 90 624-1899
15390 D D Glanzman 80 620-0878
15395 Donald P Schreiber 90 684-9318
15405 Fred M Butler 80 620-5560
15410 Harland Moy 89 620-4870
15430 D A Aschenbrenner 85 620-1046
15435 NP
15450 Bob Barton 79 620-6560
15455 R E Wegner 88 684-0926
15465 Milton E Nelson 79 620-4945
15470 George A Watson 80 620-6848
15475 John Sullivan 91 624-7905
15490 J F Shelton 79 620-6826
John F Shelton 79 620-6826
15495 Vern C Christenson 80 620-7378
15510 Byron F OBryant 79 620-6615
15515 Helen M Cedarquist 88 639-9553
15530 Robert E Meyer 88 620-7190
15535 NP
15545 Roland S Clark 80 639-0228
15550 Harold Olsen 82 639-7757
15555 NP
15565 J W Larson 80 639-1027
28 RESIDENCE

OAKWOOD AVE SE

Milwaukie
13800-14799 CT 215 SA.G.19
PITTMAN MAP LOC 234 D-40
14223 Michael Zaeyer 92 654-7481
14245 Tony & Maria Lopez 67 653-7615
14267 George M Bieber 70 659-7427
14289 George W Wible Jr 79 654-3401
14306 Gilbert G Millet 93 659-6795
14315 Dean L Reaksecker 69 659-2900
14321 14326 NP
14329 John F Kellogg 91 786-0688
14335 NP
14353 Larry D Wilks 74 654-6925
11 RESIDENCE

OATFIELD CT NW

New Street-1974 97229
11900-12099 CT 315.08 SA.C.5
PITTMAN MAP LOC 186 I-30
11905 NP
11920 Richard J Wagner 83 643-8475
11925 Daniel Hinojos 89 643-5238
11940 NP
11945 NP
11960 Walter Cross 74 646-0890
11965 Jerry Hagen 90 646-8788
11980 Richard S Harris 74 644-5279
11985 Wayne A Döberfuhi 74 646-3524
12005 Eugene T Jewett 74 646-6470
10 RESIDENCE

OATFIELD CT SE

Milwaukie
3800-3999 CT 214 SA.H.18
PITTMAN MAP LOC 233 R-38
3819 Arthur E Freiter 91 653-1685
3822 Myles E Therberge 68 659-0321
3835 Ruben Avey 80 654-3787
3869 Lloyd R Rountree 68 659-3167
3882 Roy H Kruger 92 654-2690
3921 M L Westerfield 72 654-7925
3939 Chuck Fassavanti 91 653-0115
3945 R W Bennett 78 659-6560
3957 Fred Elston 78 654-7663
3962 NP
3965 Wilbur Leutwyler 69 654-1651
3970 P M Knapp 87 659-1942
12 RESIDENCE

OATFIELD RD SE

Milwaukie
E 12000-12298 CT 215 SA.G.19
O 12001-12299 CT 208 SA.G.18
12300-16098 CT 214 SA.H.18
16099-17899 CT 218 SA.D.6
PITTMAN MAP LOC 233 R-38
12100 12104 12116 NP
12150 Bill Larson 92 786-0315
12153 V Jon Shoemaker 81 786-9309
Dr V P Shoemaker 91 851-1576
12172 Kenneth A Reynolds 68 654-1210
12175 12200 NP
12216 Michael P Knowles 78 654-5768
12217 E Lively 81 652-0586
12222 NP
12249 L Meyer 77 659-8413
12250 12281 NP

12300 Michell Pantano 82 653-7185
12313 NP
12315 Erich P Reich 70 654-0802
12319 Steve Toussaint 93 654-7129
12323 NP
12352 Vernon A Thompson 77 659-0870
12356 Brian C Parish 85 652-2381
12360 Waid Fetty 89 653-2898
12364 Robert J Stark 85 654-5202
12365 NP
12374 Rod Poole 81 653-6153
12400 Brad Owens 86 653-6364
12414 R C Czerwinski 91 786-1918
12500 12509 NP
12515 Alvin Hamlin 65 654-1403
12530 NP
Apartments
P Armour 85 654-4080
Candice Dorrah 81 659-4292
Donald R McPhail 81 659-3140
Martin McPherson 81 653-9913
Robert P Meagher 81 654-8317
Les Myrick 81 659-2395
Jason Pugh 81 659-1584
Steven Santilli 89 659-1584
L Smith 81 659-9409
12532 J E Brown 92 652-5845
12600 Mike Gronholm 77 653-1167
12612 Perry L Hughes 68 654-9885
12623 C R Anderegg 63 654-0552
12625 Rick Gregg 81 654-5919
12625 Wesley O Clark 63 654-8723
12629 William H Clare 63 654-7901
12633 NP
12637 C A Nelson 82 654-2130
12661 Keith L Younger 84 659-8133
12703 Carl T Knee 66 659-3902
12714 D F Deshields 67 654-4105
12715 Meredith A Brown 67 654-4843
12718 Carl F Hueners 70 654-9661
12722 NP
12726 John S Hayworth 93 654-0960
12810 Robert Mathers 81 652-1651
12811 Laura Metesh 89 653-7675
Bradley C Wahl 89 653-7571
R Park Anderson 92 786-9882
12876 NP
12904 NP
12905 Apartments
Dennis Bogus 92 659-7884
Travis Horton 81 653-7922
12909 NP
12912 Frank R Paden 63 654-4584
12921 Calvin Jaggar 83 659-7268
13003* Jack Hodge Htg&Ac 93 659-7069
* NB Power Vac Inc 93 786-0111
Gerald Blain 82 659-3930
T C Rosenbalm 75 654-6964
13107 Lawrence Phillips 90 654-0854
13115 Dian B Everson 79 654-4593
13118 Sandy Danforth 93 654-1005
13205 Russell Meeks 90 654-4634
13207 13209 NP
13211 Julie Rambow 81 654-2447
13213 13215 13217 NP
13221 Wesley D Cross 92 659-7140
13224 V L Cannell 64 654-0671
13225 13232 NP
13257 Jerrill Aldous 93 653-3496
Bao T Truong 89 659-3437
13264 NP
13303 Wm W McPherson 81 786-4566
13311 George J Cameron 65 659-4198
13314 James Kent Bryant 67 654-7562
13360 Troy Lundstrom 92 659-9588
13400 Pat Ryan 87 786-4531
13401 Ronald Gassaway 88 654-3917
13405 Lawrence A Voss 63 654-4324
13420 Leo D Roloff 63 654-3840
13445 NP
13455 Apartments
A Amerson 87 654-2209
Teri Anderson 87 786-2728
Neal Cordy 92 659-2587
James Embree 92 653-6116
P Gerritz 81 786-1697
Chris Grigg 81 652-8023
Gerri Guardipee 81 652-1232
T Guelker 81 652-1474
C Lafontaine 81 786-2936
S Lenkas 81 786-2422
1315 Vance Linsie 92 786-3965
98 William Matthews 87 654-9826
B Radabaugh 87 654-4593
Jerry Raitton 85 652-1673
M Robertson 81 786-3840
Douglas Siemens 90 659-4177
Kirk Westphal 91 652-2922
13504 NP
13509 J Sturzenegger 87 786-4396
13511 13513 NP
13517 Leon D Lundstrom 93 654-9310
13519 Lisa Sini 81 786-2846
13520 13521 13522 NP
13571 Keith Quigley 93 659-0702
13573 D E Hilton 92 654-7644
13611 Hazel L Coppick 63 654-2659
13616 L M Eichel 63 654-2887
13638 Kenneth W Pierce 90 654-1432
13709 NP
13716 H T Opgenorth 63 659-1668
13717 Stanley L Hittle 81 786-2166
13718 Shelley Ginnons 81 786-1611
13720 13730 13740 NP
13822 John E Busch 76 654-2519
* Mary Jeans Flwrs 84 653-8444

14222 R A Esch 93 659-7729
14304 R Eric Lind 88 654-1749
Rob Moran 81 654-6841
14308 M Morgan 81 786-4628
14311 Leo Vilspat 69 654-0037
14312 Jason Wille 81 654-8059
14316 NP
14317 C Neely 81 654-8343
14320 Steven K Bebb 85 653-2308
14323 NP
14409 John Reeder 81 786-4772
Barclay Bullock 80 659-4320
14505 14518 14521 NP
14600 Keeley Netter 93 652-7010
14602 NP
14608 Mary Stensrud 93 786-0533
14620 Thomas V Arko 79 653-7297
14704 NP
14717 James N Deis 81 659-2244
14723 14728 14729 NP
14801 C G McCartney 63 654-2909
14806 NP
14807 S Parker 89 659-5760
14810 Norman Michal 82 654-0841
14812 NP
14814* Argay Disposal Sv 75 654-2524
14815 Jed Wachlin 81 654-3642
14818 James R Craig 79 659-3238
14821 Walter H Schroeder 63 654-3918
14909 James A Guffey 80 659-2971
14915 Audrey Wolfe 92 786-3012
Howard H Wolfe 73 659-6194
14922 NP
14927 Joseph C Smolen 87 654-3712
14928 15007 NP
15011 Scott Anderson 91 659-9626
15016 Marilyn Michael 74 654-4738
15020 Sophy Seng 81 652-1934
15101 NP
15106 Kyle Cauffman 81 653-0036
15109 M Thielke 92 653-7180
15111 Douglas A Newman 78 654-8483
15113 Myong Hyland 86 654-3518
15117 Robert E Byers 90 654-8444
15204 Lance M Griffin 85 653-5289
15206 NP
15207 Ben Roos 86 652-1739
V L Saalfrank 86 652-1739
15215 Calvin E Potts 84 653-1558
15216 15221 15222 NP
15232 Doyle L Jarvis 91 653-0653
15233 NP
15300 Ronnie Swyers 91 659-0201
15303 15311 NP
15312 John Roley 81 786-6824
15318 Clarence R Mooers 86 653-1142
15322 NP
Time Pettkomki 88 659-0601
15333* Buds Cstm Upholstr 92 659-3877
15355 C Peters 92 659-5719
15404 Jerry G Rhodes 71 654-3845
15409 F J Hoelsy 63 654-2404
15412 Ramona Olson 92 659-3983
15418 R Denssem 90 654-6404
15500 15511 NP
15571 S Cavagnaro 81 653-3860
15583 Glen D Parker 69 659-0644
John E Raines 92 653-6797
15601 NP
15604 Brian A Hall 81 786-7939
15609 Ken Madrid 81 659-8929
15612 Dennis A Hilger 71 659-6508
15615 Donald D Reveal 63 654-8764
15650 John J Gerhardt 68 659-0968
15653 NP
15705 John Phelan 92 653-2256
15710 Jack Peruzzo 63 654-8329
15714 Edward Martinez 90 659-8694
15721 NP
15722 Jan Carmony 78 654-5723
15737 Alan Roney 77 653-0123
15800 Franz G Ferchland 69 654-4193
15810 William D McDonald 69 659-2998
Wm D McDonald Atty 66 659-2998
15813 J C Reasener 66 659-2967
15817 Mike Budeau 85 654-2020
W Ken Downing 80 654-2020
15818 J Arendell 90 653-0106
15819 NP
15819 Theo T Hartzell 73 659-5540
15903 NP
15907 NP
15909 NP
15910 A E Jung 93 659-0036
15910 Charles T Daves 67 654-9942
15917 James R Hoyt 74 653-0941
* Hoyt Entprns Inc 79 654-5600
15919 NP
15920 15921 NP
16003 NP
16011 NP
16015 William J Woolford 69 654-2758
16023 William C Preble 63 654-1920
16101 NP
16110 Kirk Stewart 81 653-1220
16118 Leland Wallace 64 654-2905
16130 16131 NP
16137 Wesley J Gerber 63 654-3540
16142 Apartments
D E Dondero 93 654-0843
Robert W Kemp 92 786-3830
Robert Hanev 81 652-1287
81 652-8278
16216 NP
16222 Charles Willock 63 659-2826
16305 James Baurer 92 786-1625
16306 Fredk Mills-Price 85 653-5377
16323 NP
16507 NP
16509 Billie Gardner 90 659-6660
16511 NP
16513 W B Eisenman 76 659-7647
16515 Allen G Plummer 74 659-5917
16516 Nels C Brudvig 69 654-8234
16518 P Adams 63 654-8103
16695 Michael B Marr 93 654-8761
16704 NP
16704 John L Hummel 87 654-1725
John L Hummel 89 654-2112
* Hummel Furn Uphlstr 85 654-2112
John Dresie 89 653-5693
16721* Alians Bicycle Repr 92 652-1050
16724 Vieland Corey 81 653-6580
16739 NP
16800 Clyde Dearmitt 92 653-5863
16809 NP

16810 Capt C D Sanford 78 654-7775
16822 16868 NP
16808 Raymond Peloquin 91 659-4754
17007 G Boetger 91 786-0111
17014 John Kinsman 70 654-9977
Gale Treehouse 91 659-7600
17021 Louis F Casale 66 659-0995
17025 Louis G Muller 73 654-9897
17055 Jay Little 93 653-8625
17091 Frank Y Chin 90 659-7962
* Liu Import Export 81 786-1668
17100 17106 17110 NP
17111 Herbert G Bloemen 91 652-8594
17116 NP
17120 David Coyle 81 654-7449
17125 17128 NP
17148 B R Hoffmann 85 653-9586
17158 Ron M Leistikio 81 654-7141
17173 Rob Kahilke 93 786-6249
17221 Garry Kappel 81 653-3972
* I Ouest Inc 83 653-2323
* Garry Kappel 81 653-2323
17223 NP
17243 Del Colton 81 659-4363
17246 NP
17265 Ken Yu 89 654-5669
17266 NP
17271 NP
17284 C H Thomas 90 654-5770
17285 Jack S Barber 69 659-4787
17300 Leo Magnuson 83 786-7646
17301 NP
17305 Gordon Trone 93 659-5149
17307 V R Bond Sr 76 654-3859
17309 Norman D Carr 79 653-6133
17311 NP
17312 M Meyers 93 786-3582
17320 Robert Gable 87 653-0733
17326* The Main Hair 87 659-8171
* The Mane 84 659-8171
17400 G Heydel 93 786-8185
Ted Heydel 93 786-0810
17411 Earl D Merrifield 92 653-0233
* Merrifield&Assocs 92 654-5589
17414 Paul Koch 85 659-0418
* Sunrise Corridor 92 653-7187
17415 Don P Burdick 71 654-0633
17503 James A Rose 93 652-3949
17514 Mrs George H Burr 63 654-5558
17515 NP
NO # Thomas M Chambers 75 654-0395
NO # John R Jaeger 78 654-8248
NO # J L Sherrick 74 654-4556
NO # 355 RESIDENCE 15 BUSINESS

OBERLIN N

16810 Capt C D Sanford 78 654-7775
16822 16868 NP
16808 Raymond Peloquin 91 659-4754
17007 G Boetger 91 786-0111
17014 John Kinsman 70 654-9977
Gale Treehouse 91 659-7600
17021 Louis F Casale 66 659-0995
17025 Louis G Muller 73 654-9897
17055 Jay Little 93 653-8625
17091 Frank Y Chin 90 659-7962
* Liu Import Export 81 786-1668
17100 17106 17110 NP
17111 Herbert G Bloemen 91 652-8594
17116 NP
17120 David Coyle 81 654-7449
17125 17128 NP
17148 B R Hoffmann 85 653-9586
17158 Ron M Leistikio 81 654-7141
17173 Rob Kahilke 93 786-6249
17221 Garry Kappel 81 653-3972
* I Ouest Inc 83 653-2323
* Garry Kappel 81 653-2323
17223 NP
17243 Del Colton 81 659-4363
17246 NP
17265 Ken Yu 89 654-5669
17266 NP
17271 NP
17284 C H Thomas 90 654-5770
17285 Jack S Barber 69 659-4787
17300 Leo Magnuson 83 786-7646
17301 NP
17305 Gordon Trone 93 659-5149
17307 V R Bond Sr 76 654-3859
17309 Norman D Carr 79 653-6133
17311 NP
17312 M Meyers 93 786-3582
17320 Robert Gable 87 653-0733
17326* The Main Hair 87 659-8171
* The Mane 84 659-8171
17400 G Heydel 93 786-8185
Ted Heydel 93 786-0810
17411 Earl D Merrifield 92 653-0233
* Merrifield&Assocs 92 654-5589
17414 Paul Koch 85 659-0418
* Sunrise Corridor 92 653-7187
17415 Don P Burdick 71 654-0633
17503 James A Rose 93 652-3949
17514 Mrs George H Burr 63 654-5558
17515 NP
NO # Thomas M Chambers 75 654-0395
NO # John R Jaeger 78 654-8248
NO # J L Sherrick 74 654-4556
NO # 355 RESIDENCE 15 BUSINESS

OATMAN AVE N

6700-7599 CT 39.02 SE.B.16
PITTMAN MAP LOC 166 G-35
8716 T R Phelps 65 283-5526
8726 Scott Derieux 81 289-2583
8738 Lloyd Binington 93 735-1952
8808 Robert M Archer 93 285-1957
L Denning 93 285-1957
8815 J Rennick 77 285-5986
8818 David Witham 80 285-3918

3302 SARATOGA ST N

6906 NP
6912 NP
6926 Lee Rene 87 289-3987
6927 D R Wilkinson 77 283-3982
6934 W G Kovar 56 289-0615
6939 6942 NP
6951 NP
6954 NP
6966 Rusty Smith 89 285-3319
6975 Michael L Houston 81 289-7391
3270 BRYANT ST N
7006 Louis E Caranchini 80 289-4565
7016 Allen N Cummings 81 283-4311
7017 C A Ramey 83 289-3672
7025 M M Fink 64 285-8993
7026 Marcus Miller 81 735-3056
7038 K Miller 92 285-0359
7039 Nelson Cruz 85 286-0154
7047 Rob W Trullinger 75 289-6154
7050 Craig B Brisbin 93 240-6748
7058 Isaac Papkoff 56 289-5816

3022 MORGAN ST N

7104 Susan Wallen 86 289-6498
7105 M N Pearce 86 283-7047
7111 Robert Denham 76 289-0015
7114 Art Warnock 90 285-9928
7123 S Mahoney 90 285-9928
7131 NP
7134 Milo Petkovich 66 289-3127
7139 S Shodin 92 289-1913
D W Smith 89 289-1913
D W Smith 89 289-1913
7202 7210 NP
7211 Lloyd Smith 57 289-6694
7216 James J Coyle 87 283-9445
7223 Robert Croft 78 285-4058
7234 C M Glasgow 81 289-3102
7235 Steve Hunt 81 283-0959
HOLLAND ST N
7306 NP
7309 Herbert O Wooten 78 283-1097
7312 Marvin A Johnson 91 289-3830
7324 Melbar Lepley 92 285-4458
7327 M Ramsey 56 289-3042
7334 Kenneth J Robinson 68 289-2682
3300 LOMBARD ST N
NO # R A Brown 78 289-2682
NO # James D Kalmbach 93 289-2682
NO # 55 RESIDENCE

OBERLIN N

4601-6848 CT 40.02 SE.B.15
PITTMAN MAP LOC 165 F-33
4708 NP
4709 Edward J Roesselte 89 285-8813
4712 A L Francis 81 285-8105
Trent Harvey 81 285-2805
4718 NP
HURON AVE N
7401 OLIN AVE N NP
4742 NP
4751 L S Kiltz 69 289-9589

OAK ISLAND RD NW

Table with 3 columns: Address, Name, Phone Number. Includes entries like RR 1, Paul Gamroth, Ginny Rosenberg, etc.

OAKLAND AVE SE

Table with 3 columns: Address, Name, Phone Number. Includes entries like 5000-5499 CT 218, Pittman Map Loc 233 R-39, etc.

OAK LN SW

Table with 3 columns: Address, Name, Phone Number. Includes entries like 8900-8999 CT 305, Pittman Map Loc 209 N-31, etc.

OAK MEADOW LN SW

Table with 3 columns: Address, Name, Phone Number. Includes entries like 15700-15999 CT 308, Pittman Map Loc 231 R-31, etc.

OAKS AMUSEMENT PRK

See Ft of Spokane SE 97202

OAK SHORE CT SE

Table with 3 columns: Address, Name, Phone Number. Includes entries like 1700-1999 CT 213, Pittman Map Loc 233 R-37, etc.

OAK SHORE LN SE

Table with 3 columns: Address, Name, Phone Number. Includes entries like 1600-1999 CT 213, Pittman Map Loc 233 R-37, etc.

1988 PORTLAND & SUBURBS

Table with 3 columns: Address, Name, Phone Number. Includes entries like 1701 Dr W H Clarke, 1702 Glen D Sorrels, etc.

OAK TREE LN SW

Table with 3 columns: Address, Name, Phone Number. Includes entries like 15300-15599 CT 308, Pittman Map Loc 231 R-31, etc.

OAKWOOD AVE SE

Table with 3 columns: Address, Name, Phone Number. Includes entries like 14200-14399 CT 215, Pittman Map Loc 234 O-49, etc.

OATFIELD CT NW

Table with 3 columns: Address, Name, Phone Number. Includes entries like 11900-12099 CT 315 O-5, Pittman Map Loc 186 I-30, etc.

OATFIELD CT SE

Table with 3 columns: Address, Name, Phone Number. Includes entries like 3800-3999 CT 214, Pittman Map Loc 233 R-38, etc.

OATFIELD RD SE

Table with 3 columns: Address, Name, Phone Number. Includes entries like 12100-12599 CT 214, 15300-17899 CT 218, etc.

COLE'S

Table with 3 columns: Address, Name, Phone Number. Includes entries like 12812 Perry L Hughes, 12823 W A Anderweg, etc.

MARY JEANS FLWRS

Table with 3 columns: Address, Name, Phone Number. Includes entries like 13900 Glenn Albrich, 13909 Bert R Gritters, etc.

OATFIELD RD SE

Table with 3 columns: Address, Name, Phone Number. Includes entries like 14812 W M Kellogg, 14814 Argay Disposal Sv, etc.

OATFIELD RD

1984 PORTLAND

Table listing property owners and addresses on Oatfield Rd, including entries for 7th Day Advntst, Herb W Stratton, Saml M Guisler Jr, etc.

OATFIELD RD SE

Table listing property owners and addresses on Oatfield Rd SE, including entries for Milwaukie, 12100-15299 TZ 214, 15300-17899 TZ 218, etc.

Table listing property owners and addresses in the middle section, including entries for Jeff Scheele, Ron Burton, S M Archer, etc.

Table listing property owners and addresses in the middle section, including entries for Ronald Densom, Harold Oatfield, Glen D Parker, etc.

Table listing property owners and addresses in the middle section, including entries for W G Kovar, Stephen G Morris, S G Gray, etc.

OAKWOOD SE

Table listing Oakwood SE properties with columns for address, owner name, and phone number.

OAKWOOD SW

Table listing Oakwood SW properties with columns for address, owner name, and phone number.

OAKWOOD CT SW

Table listing Oakwood CT SW properties with columns for address, owner name, and phone number.

OAKWOOD DR SW

Table listing Oakwood DR SW properties with columns for address, owner name, and phone number.

OATFIELD CT NW

Table listing Oatfield CT NW properties with columns for address, owner name, and phone number.

OATFIELD CT SE

Table listing Oatfield CT SE properties with columns for address, owner name, and phone number.

OATFIELD RD

Table listing Oatfield RD properties with columns for address, owner name, and phone number.

Table listing properties in the middle-left column with columns for address, owner name, and phone number.

OATFIELD RD SE

Table listing Oatfield RD SE properties with columns for address, owner name, and phone number.

Table listing properties in the middle-right column with columns for address, owner name, and phone number.

TROPICAL FOLIAGE

Table listing Tropical Foliage properties with columns for address, owner name, and phone number.

Table listing properties in the rightmost column with columns for address, owner name, and phone number.

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OAKLAND AVE SE

PAGE 514

5397 LEONARD SUCHSLAND 97222
5460 I L PENNELL 6545123
5461 M F PIPER 6530063
5469 JACOB ONEILL 6537075
5472 AUGUST BIGGS 9 6597065
30 RESIDENCE
OAK LN SW 97223
8100 8100-8999 T 305 SA..E 7
8810 EARL L WHISLER 9 2445959
8815 JAMES R SCANLAN 7 2445520
8830 ROBERT S GILLETTE 2 2448590
8835 DURWARD B L 2 2448590
8850 HAROLD A WILSON 2 2441092
8855 MRS F M MITCHELL 9 2467111
8870 MICHAEL M AXMAN 4 2452900
8875 JEROME S ARGENT 9 2463792
8890 JERRY SPRINGER 2 2469326
8905 ARTHUR R BUTLER 1 2469326
8910 RONALD O OLSON 2 2443897
8930 R E RABE 2 2467268
8940 MALVIN HEGRENESS 9 2466283
8945 GREGORY L PEARSON 9 2467357
14 RESIDENCE
OAKMONT LOOP NW BEAVR TN
SCMERSET WEST
15000-15199 T 315 SA..D 5
15005 H A TINNER 8 6452766
15010 PAUL MILES 9 6451933
15011 AL R BASTRIN 8 6451933
15014 ROBERT E PICCHENA 2 6453865
15017 A RUSSELL MELANDER 9 6452534
15018 DONALD S MARTIN 3 6454023
15022 F BARRY STONE 9 6452535
15023 FRANK B STONE 9 6452535
15023 DIRK LOGIENGA NP 6452560
15029 WILLIAM A SHILEY 9 6451474
15030 F D LUCAS 8 6452171
15034 P S GUIRAL 6 6453973
15035 FRED W FRINAGA 8 6452582
15036 B SAMSON 4 6452171
15039 EDWARD L LOCKE 8 6452424
15042 PAUL L JOHNSEN 4 6454954
15043 ROBERT W KENNEDY 4 6454915
15047 GARY MERISON 4 6452587
15051 PATRICIA J FOX 2 6452972
15057 DONALD H MARKMAN 8 6452469
15058 LEE H ZIMMERMAN 1 6452951
15061 LEONARD E RAY 7 6452301
15063 R W HANCOCK 8 6452972
15069 JAMES V GILEY 8 6452577
15075 MELVYN J KRISTOFF 3 6451801
15078 J DAVID HODDENPYLE 6 6455135
15079 VIRGIL C HATFIELD 8 6452452
15082 WILLIAM M HANSON 3 6452626
15083 NANCY HARTMAN 8 6452288
HAROLD W PARKER 4 6452288
15086 W S DIRKER JR 1 6453195
15087 JOHN WILSON 8 6452478
15090 GEORGE H WHITELEY 2 6452040
15091 PETE V YAZZOLINO 6 6452381
15094 JAMES B HURD 6 6455036
15095 ART WIDDER 4 6452191
S WILSON 4 6452191
15099 SAMUEL N STALEY 8 6452280
15100 BEN STEVENSON 1 6451935
15103 WILLIAM T MILLER 2 6454239
15106 L E SHARAND 8 6452396
15109 JAMES H CHASSE 2 6451239
15110 DALE A SCHULER 9 6451239
15111 D W WILSON 9 6451591
15114 NORMAN D CAROTHERS 9 6451095
15115 KENNETH B EVANS 9 6452756
15118 NEAL I PINSON 7 6452467
15121 STEPHEN K JACKSON 9 6451787
15122 H O SERCOMBE 8 6452372
15123 ROBERT S YOUNG 3 6453995
15126 DUANE ARTHUR 3 6454233
15129 DENNIS LOW 3 6453014
15133 BHAWAR SINGH 4 6452240
15134 VAL GREEN 6 6452850
55 RESIDENCE
OAK PL SE 97266
8312 CHARLES M MILLER 2 7740668
8330 N A DAVIS 8 7718878
8410 N P ELARDO 7 7718684
8412 J A JOHNSON JR 4 7759729
8420 J C WILSON 7 7743457
5 RESIDENCE
OAK PL SW BEAVR TN
97000
9470 EDWARD H BARKLEY 0 2923985
9475 JOSEPH A SCHNEIDER 3 2926424
9525 DONALD G FLOREN 0 2925804
3 RESIDENCE
OAKRIDGE SW LK OSWG
4000-4999 T 304 SA..E 7
4211 MRS DOROTHY PEETZ 4 6363834
4225 KEN CLOCK 4 6363400
C A DOVENBERG 6 6365097
M JOHNSON 6 6364342
GREG A PELCHA 6 6365020
4255 C BRUCE HAY 9 6366290
4270 H W WERNER 6 6364925
4284 TOM ANDERSON 8 6366463
4400 ROBERTA ZIEGLER 8 6353942
4420 NP
4421 WARREN D GRAHAM 6 6362035
4500 B AUSTINSON 6 6366794
0 HELMANN IN 0 6364866
4545 LAWRENCE E TAYLOR 2 6367228
4600 JAMES W ADAMS III 6 6354797
CONNOR B GIBSON 4 6352473
WARGAS J IERSON 4 6354013
CARROL MOLES 4 6360817
STEPHEN R MOORE 6 6352505
4617 J WILBUR GUESER 6 6362185
4620 E J CALLAHAN JR 6 6365396
4673 NP
4678 DONALD L ZEHRUNG 4 6366370
4688 RONALD C CASPER 4 6364966
4714 NP
4735 WILLIAM K TURNOCK 9 6365844
4750 NP
4774 DAVID A BOYLES 6 6360965
4814 NP
4851 VIRGIL C PEARCE 3 6361854
4952 GHEEN R ABBOTT III 3 6364866
4959 ROBERT MACLEAN 6 6365406
4965 GARY L AMOS 0 6366903
4966 JAMES FLECK 3 6369929
4990 JESS R MCNEEL 6 6353160
5010 FRANK L WAMPLER 1 6367388
5035 AUGUST W HALL NP
5060 NP
5099 JAMES B BLODGETT 1 6367426
5110 JAMES E STIDHAM 1 6364756
NANCY STIDHAM 3 6352265
5160 ROBERT A LEWIS 3 6366350
5175 CHARLES GIFT 1 6367918

5190 STANLEY A SWEET 3 6366077
5235 NP
5250 GEORGE H MULLINS 1 6367046
5255 LEWIS P HEIMBIGNER 4 6366918
5270 DAVID R GILSON 4 6367031
5276 MILO A STARR 4 6369942
S STARR 4 6369942
5290 ROBERT E SIMPSON 4 6364284
5295 ERICH HOERMAN 2 6366731
5300 WILSON J HAMMESFAHRA 4 6367578
5375 BILL M GIFFORD 4 6362387
5393 R H MARCHINGTON JR 4 6369396
56 RESIDENCE
OAKS AMUSEMENT PRK
SEE FT OF SPOKANE SE
OAK RIDGE DR GLADSTN
97027
6621 JOHN T BRADEN 4 6531460
6622 WILLIAM J WALSH 4 6530895
6642 NICK FOSSES 2 6592339
6666 MELVIN D LALLY 2 6594392
6680 ROBERT HAND 6 6547538
6717 JOHN D EATON 6 6530109
6729 GLENN S IETIKER 6 6592731
6820 DAVID K MCCARTY 6 6596893
6840 EDGAR J UNREIN 2 6590080
6860 GERALD J SCHMIDT 6 6595839
6861 G SHANER 6 6595839
6930 NEIL J REITER 6 6590223
6943 J L RUSSELL 6 6598709
7000 DAVID WALKER 6 6551115
14 RESIDENCE
OAK SHORE CT SE 97222
MILWAUKIE OAK GROVE
1700 KENNETH J GEBHARD NP 6596359
1730 LAWRENCE H EBERLY 3 6593805
1735 IAN S SHAW JR 2 6540485
1750 DANIEL K MECKER 6 6542878
1755 DANIEL K MECKER 6 6530266
1770 ROBERT RASCO 4 6530053
1775 E J BUTLER 2 6599727
JULIE STANBERY 4 6599727
1800 G A SHERN 6 6593905
10 RESIDENCE
OAK SHORE LN SE 97222
1- END T 213 SB..H 8
1637 ANTHONY W OSBORNE 4 6597596
1711 LORN D PETKE 6 6544996
1725 GLEN D SORRELS NP 6545034
1735 ARTHUR M ROBERTS 7 6594928
1753 DICK NOYES 6 6540294
1885 CLIFFORD R FULLMAN 6 6595890
1895 S W STRICKLAND JR 6 6594979
1900 H S MACGILLIVRAY 6 6544660
1905 MRS V BISSETT 4 6598985
1910 HAROLD S STAYTON 3 6544431
11 RESIDENCE
OAK TREE TERR S ORGN CT
97045
16180 DENNIS H STAPLETON 6 6550728
1 RESIDENCE
OAK WAY SW 97223
8100-8999 T 309 SA..E 7
8910 F E CAMPBELL 8 2442608
8914 MARGARET YOKUM 8 2455228
2 RESIDENCE
OAKWOOD SE 97222
MILWAUKIE OAK GROVE
14200-14399 T 215 SA..H 8
14223 F H LANDIS 9 6595800
14245 JERALD V SPIRES 0 6597140
14267 GEORGE M BIEBER 0 6597427
14289 HUBER J SINTON 9 6595394
14306 GILBERT MILLET 2 6596795
14315 DEAN L REAKSECKER 9 6592900
14321 SHERMAN R PAULY 4 6594399
14329 BILL C BIGGS NP 6594091
LAWRENCE A RICH 9 6594091
14335 JAMES G EDWARDS 9 6595907
14353 LARRY D WILKS 4 6546925
13 RESIDENCE
OAKWOOD SW BEAVR TN
97005
13115 ROBERT WORTMAN 3 6442037
13135 M A DONAHUE 2 6460730
13140 LARRY LARSON 3 6445739
13150 ROBERT E LICH 4 6442269
13175 WAYNE S GOFF 9 6441728
13190 T M ANDERSON 6 6466938
13195 HERMAN ZEMP 1 6464715
13210 LINDA L PITKLEY 6 6445625
13215 RONALD R MACHER 8 6462054
13230 STEVEN H SCHAPER 3 6445892
13235 STANLEY M WHEELER 6446073
13250 WILBER M COOK 6440773
13275 MCNORE LONG 6447798
13270 JEAN MAULE 4 6447260
13290 RICHARD O BROWN 4 6442260
13295 DAVID H HENSHAW 9 6442203
13330 WILLIAM J WENDT 9 6463256
13340 D SHERMAN 6 6465882
13365 ROY R KRAUSE 2 6465882
AISAAC JOHNSTON 2 6469586
21 RESIDENCE
OAKWOOD DR SW BEAVR TN
97005
6700-6999 T 304 SA..E 7
6715 J D DENHAM 4 6467128
6720 K GUENTHER ENGERT 0 6442629
6770 BRUCE NUJST 2 6449525
6820 KENNETH SCHLOSSER 3 6466951
6825 F PUTNAM 0 6448589
6850 DONALD R ANDERSON 4 6461810
6855 TOM GETTMAN 2 6464562
6870 KELSEY PETERSON 3 6433552
6875 LAMBERT MORRIS 2 6464088
6890 V PAUL PRIBBE 3 6433401
6895 FRANK J WARD 0 6449280
6907 NP
6920 DONALD GERMAIN 0 6463234
6925 DENNIS W MOORE 1 6432566
6950 A S CALHOUN 2 6464335
R L CALHOUN 2 6464335
6955 DUANE H FROST 0 6447228
6970 J R FISER 6 6442415
6975 LYLE E WRIGHT 1 6469511
19 RESIDENCE

OATFIELD CT NW 97229
11900-12099 T 315 SA..D 5
12005 CHARLES D GRAY 4 6465044
11920 A J FRRISTER 4 6464514
11925 STAN C KATKANSKY 6 6464330
11945 GENE L GOCHEOUR 4 6432401
11960 WALTER CROSS 4 6460890
11965 GUY WILSON 4 6464330
11980 RICHARD S HARRIS 4 6445279
11985 WAYNE A DOBBERFUHL 4 6463524
12005 EUGENE T JEWETT 4 6466470
9 RESIDENCE
OATFIELD CT SE 97222
11900-11999 T 214 SA..H 8
3800-3999 T 214 SA..H 8
3819 R B HUGHES 3 6594930
3822 MYLES E THERBERG 6 5903210
3825 E H PREIFFER 6 5903210
3826 LLOYD R ROUNTREE 6 593167
3882 ROY KRUGER 2 6542690
3921 M L WESTERFIELD 2 6547925
3939 BILL BECK 4 6530115
3945 ARNOLD WILSON 6 5956660
3957 J D RUSK JR 8 6592428
3962 JACK D WIEBE 9 6548544
3965 WILBUR LEUTWYLER 9 6541651
3970 FRANCES L GRANT 2 6595709
12 RESIDENCE
OATFIELD RD SE 97222
MILWAUKIE OAK GROVE
2200-15299 T 214 SA..H 8
15300-17899 T 218 SA..H 9
2235 DR V P SHOEMAKER 6 6541576
2315 ARNOLD L AXKALD 2 6544747
2329 MICHAEL WANNER 4 6463004
2425 L T MEYER 2 6598413
2435 NP
2445 HENRY WAESPE 6 6544934
2210 DAVE HASS NP 6543659
12104 KENNETH A REYNOLDS 6541210
12116 DWAIN W ABBOTT 3 6540833
12200 C L KOERNER 6 548773
12223 RICHARD W UFFELMAN 6 5410782
12250 VERNON A THOMPSON 1 6590870
12315 ERICH P REICH 0 6540802
12319 L E WHITE 6 5986588
12323 DAVID J BARRIOS 4 6598712
12325 JEFF GRIFFIN 2 6598712
AJAVON DULLUM 3 6593439
12400 EVAN W JENKS 2 6595112
12414 THOMAS M CHAMBERS 6 6540395
12500 NP
12509 WILLIAM B REISEBACH 6 548656
12515 ALVIN HAMLIN 6 541003
12530 S ASCHENBRENNER 6 5980009
2282 GORDON A CROCKS 2 6591026
22876 DAVID J GRIFFIN 6 6598978
GARY HAYMAN 4 6596707
WAYNE G JORDAN 4 6530571
R E SERELL 6 5997225
12418 STANLEY RICH 1 642711
JAMES H WEILL 4 6595201
GEORGE E SPENCER 6541265
12600 RAY F BUYERS 6542953
12612 PERRY L HUGHES 8 6549685
12618 CARL F HEGG 2 6591026
12624 D E GUGGE 3 6541440
12625 WESLEY O CLARK 6 5487229
12629 WILLIAM H CLARDY 6 547901
12637 ROBERT J FARRELL NP
12703 CARL T KNEE 6 6593902
12714 D F DESHIELDS 7 6544015
12715 MEREDYTH A BROWN 7 6544643
12718 CARL F HUGHES 0 6540661
12722 LEE R MULTER 9 6549833
12726 MARK J TAYLOR 4 6542094
12810 ROBERT F MATHERS 4 6599661
12814 JACK A JUST 2 6547026
12816 MRS COLMAN F MAYER 3 6540680
12905 BRUCE SELLERS 7 6592059
12909 WILLIAM R BATEY 6 530634
12912 SCOTT L DAVIS 4 6595515
13003 PATRICK TCHOEY 3 6598141
13012 NP
13013 T C ROSANBALM 6 6466964
13017 H C BARRY JR PROP 6 6466964
MAJORIE A BARTER 9 6543704
13115 ESTHER EVERSON 0 6545993
13118 EDWARD C GRUDLE 6 5409115
13205 NP
13207 NP
13209 DAVID B NICHOLSON 6 541823
13211 D DAVIDSON 2 6544806
13213 JOHN E SCHNEIDER NP 6592885
13217 N J PARRY 6 594562
13221 GEORGE F ODELL 6 548537
13224 V L CANNELL 6 540671
13225 MRS GRACE G ODELL 6 544435
13257 F BALLANTINE 1 6594669
L N CLIFTON 6 6541742
LAWRENCE C MACK 4 6530880
S M PRITCHARD 4 6595559
ROBERT H RANKIN 4 6511121
J L SLATTER 6 599994
HOK NIN YING 4 6543637
13264 H J SILVER 6 590228
13310 WILLIAM M KOPP 1 6595295
13311 GEDDIE J CAMERON 6 591764
13314 J L WOLFE 6 598165
13360 VICTOR I RITCHIE 4 6594809
13400 KEN J BUNTJER 2 6597368
13401 WARD R HAY 6 546425
13405 LAWRENCE A VOSS 6 543324
13420 MOLLY DEW 6 5959007
LEO D ROLOFF 6 543840
JIM C APPLE 6 596198
S CAODITE 6 591764
PETE M W DUNBAR 6 596301
PHYLLIS FINLEY 6 597347
ALICE FLUGE 6 540847
STEPHEN J ANKEL 6 531489
MRS A HUSON 6 541579
K R JIRSCHLE 6 544231
A STEVE JORDAN 6 547597
2 6542470
MARTIN ROWLAND N REID 2 654537
EMORY S SANDUSKY 6 593598
LAD H SARGENT 6 546022
K M WORKMAN 1 6599724
YOUNG 6 541212
DAVID C COX 8 6542385
ERWIN R REESE 9 6540807
13521 NP
13522 NP
13571 L J PEARSON 1 6590712
6530714

13573 D L LARSON 4 6598295
MICHAEL E LARSON 4 6598295
13611 H L COPELAND 6 542659
13616 RICHARD G HITTLE 9 6592009
13638 ROLLIE ICE 9 6592009
LEON M LENT 6 547423
13709 R J SMITH 6 547423
13716 H T OGDENHORN 6 591668
13718 RICHARD G HITTLE 9 6545636
NP
13720 DELBERT W WATKINS 6547602
13730 RICK EDDY 6 5966869
13740 LARRY D SMITH 4 6592991
14322 BUSCH FLORIST 6 543697
13900 R J GEEER 6 544709
B R GRITTERS 8 6541326
13909 THOMAS A SHAUVIN 3 6592658
13920 N M HICKORY 1 6543274
14000 NELS SANDE 4 6546023
14005 NP
14014 L F PHILLIPS 9 6541419
14035 NP
14036 B J BAIN NP 6530667
14039 STEPHEN K MUNSON 4 6599856
14041 NP
14043 H W CANNON 2 6546766
14045 JAMES A ANTONINI 4 6545341
14047 DELMAR G PHEAB 0 6547528
14049 JOHN EAVES 3 6594328
14051 DOUGLAS D PETERS 4 6531053
14053 S W TAYLOR 4 6594777
14104 DONALD J ADAMSON 6 540185
NP
14160 HOWARD OLDS 3 6544234
14209 J B GILLEM 6 540931
JOHN B GILLEM 9 654418
14222 G F GRACE 1 6592605
4300 NP
14308 ROBERT A ANDERSON 3 6590588
GLENN R HOLMBCM 4 6591092
14311 LEO WILSTRUP 9 6540337
LEO WILSTRUP 9 6540337
14312 JOSEPH J CARDWELL 6 5912029
14316 WILLIAM G WISE 4 6590606
NP
14404 ELLA B LIDDELL 0 6548588
R L LIDDELL 6 654505
14407 C R MARTINI 6 544134
14409 FRANZ G FERCHLAND 7 6541413
14504 T O NEUMEISTER 6 542944
14505 E KLOSTER 3 6542754
4518 NP
14600 BERYL A SMITHSON 6542554
14602 CHESTER L BUTLER 9 6592388
14608 PER FREDRIKSSON 6545732
14704 ALLEN L DOUGLAS NP 6590512
14717 LESTER R HOPP 6 544500
14723 W E CARSE 9 6591193
14726 G L SCHMEER 0 6546809
NP
14729 CLIFF H MCCARTNEY NP 6544841
B NP
14801 C G MCCARTNEY 6542909
14807 R E MCCARTNEY 6540966
HARRY E WEST 1 6595579
14812 ROBERT W KELLOGG 2 6595956
14814 MARGA DISPOSAL SV 6542524
14815 JOHN H HAMMOND 6 545570
14818 DAVID R MOORE 4 6599381
14821 WALTER H SCHROEDER 6543918
14909 E J KENNEDY JR 1 6540339
14915 HOWARD H WOLFE 3 6596194
NP
TIMOTHY BURSE NP 6595796
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15007 THOMAS T FARAGHER 6545350
15011 DONALD D HENDERSON 6597312
15016 P L MICHAEL 6 544738
15021 RICHARD C CLOUSER 6541738
*MARVIN BROS GN CTR 6597702
*DONALD MARVIN 6597702
*ROBERT MARVIN 6597702
15101 STANLEY STEWARD 2 6548805
15106 JOHN J KOSTER 6 542180
15109 STEVEN MCDOWELL 2 6598096
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15118 JAMES A HOESCHEN 6542246
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1971 PORTLAND

13221 GEORGE F ODELL 6548537
13224 W K CANNELL 6540671
13225 MRS GRACE G ODELL 6544435
13226 LEONARD W WEAVER 6543665
13257 M L BAILEY 0 6597125
F BALLANTINE -6594669
JOSS BRIDGES JR 65956574
JEVY DUBUISQUIER 6594917
J KELLEY 6598885
LARRY RE 6547033
JAMES O RIDDELL -6598830
ROBERT SANDE 65988084
LOREN D SMITH 65989591
H J SILVER 6590228
13303 WILLIAM G KOPP 6594972
13311 KENNETH R PIPPS -6595330
13314 THOMAS J EICHORN 65953514
13360 G H HANSON JR 7 6544726
SHERRI HANSON 65926251
13401 NP
13405 LAWRENCE A VOSS 6544344
13420 LEO D ROLOFF 6543840
LARRY SMITH 6594417
13455 JOHN ALFIERE -6597654
CAROL BARTH 6598761
C E DEY 6598694
RALPH W DIETRICH 9 6595980
WON L DOC 6599550
DON E FALK 6599970
WILLIAM W FRIERSON 8 6590159
HENRY HEPBURN -6597904
A L KELLY HOLBROOK 0 6547341
DAVID A HUGHES 6599362
DOROTHY LOYETTE 6598593
JOANN K JVRD 6594724
ARTHUR MAAG 6598974
MRS CLYDE S MARTIN 6542470
CAROL F MCGRAW 6599313
MARK NELSON 6592515
NANCY NIEMUTH 6598963
S H PANTANO 9 6595349
HANS POLSTRA 6594642
LINDA POLSTRA 6594662
R B PRICE 6596976
JANELLE REED 6598963
DEBBIE SELLERS 6598761
BARBARA SHEPARD 6598761
LAURENCE SMITH 6594828
K W SMITH 6599724
13504 DAVID C COX 8 6542385
WILMA M COX 9 6542385
13520 ERWIN R REESE 9 6540807
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13522 MELVIN G BENSON 6599072
13571 DAVID L FERGUSON 65996476
13573 GARY R RICHTER 6594417
13611 H L COPELAND 6542659
13616 J L EPPICK 6542887
13638 ROLLIE ICE 9 6592009
LEAON M LENT 4 6592009
13709 R J SMITH NP
13716 H O SPENMORTH 6 6547243
13717 RICHARD W HITTLE 9 6591668
13718 GLENN OSTRANDER 0 6594604
13720 DELBERT W WATKINS 6 6547602
13730 MRS M E ALEKSICH -6549764
13740 NP
13822 BUSCH FLORIST 4 6543697
13900 R GEORGE 4 6546709
B R GRITTERS 8 6541124
13909 WILLIAM I ALLEN 3 6547151
13920 N M HICKEY 6543274
14000 NELS SANDE 6546203
14005 JAMES C BOWEN SR 6 6542864
14014 F PHILLIPS 9 6541419
14035 KENNETH H HOFFMAN 0 6596669
14037 SAMUEL J HOPWOOD 0 6596669
14039 MARILEE CASWELL 9 6597937
S MARUGG 9 6597937
14041 LAWRENCE A FRANSON 9 6595166
14043 MICHAEL A GILLARD 9 6548863
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14047 DELMAR G SCHWAB 0 6547528
14049 FRED C COSPER 9 6594567
14051 DAVID E KRUEGER 6546469
14053 MARK H BEASLEY 0 6595733
14063 OATFIELD SERV STA 6549135
14104 DONALD W ADAMSON 5 6540185
14111 DON HERNDON 9 6541186
14160 DEL BINDER 4 6540931
14209 J B GILLEM 9 6544418
JOHN B GILLEM 9 6596205
C F GRACE 6599625
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14308 R L BURKE JR 6599963
14311 LEO VILSTRUP 9 6540973
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14312 M C PARRISH 9 6542645
14316 C C CHANTLER 8 6591970
14404 LLLA B LIDDELL 0 6548588
R L LIDDELL 6543505
C R MARTINI 5 6541574
14409 FRANZ G FERCHLAND 7 6544143
14504 T O NEUMEISTER 6542944
14505 MRS ALEX E PAWLA 6542633
14518 RICHARD W BECK 8 6592985
14521 MRS T HOKENSON 3 6542564
14600 BERYL A SMITHSON 3 6542564
14602 CHESTER L BUTLER 9 6592388
14608 PER FREDRIKSLI 3 6545732
14620 SIDNEY A MCCLUND 9 6541480
14704 ALLEN L DOUGLAS 5 6590512
14717 LESTER R HOPP 6544500
14723 W E HARRIS 9 6591193
14726 ALBERT BUTTERFIELD 0 6542640
14729 G L SCHMERR 0 6546809
14801 C LIFF H MCCARTNEY 6544841
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D E MCWILLIAN 6540966
HARRY E 6595579
14812 PHIL ARONSON 0 6596401
14814 RALPH F GOLIK 6 6548540
14815 JOHN H HAMMOND 6545570
14818 NP
14821 WALTER H SCHROEDER 6543918
14909 E J KENNEY JR 6540239
14915 COL L A BEARD 6543822
14922 W F PERLEY 7 6594966
14928 EVELINE LECOCQ 6544725
15007 DAVID EARL SULT 6541617
15011 THOMAS T FARAGHER 6545350
15016 NP
15101 B L PANUSHKA 6545381
15106 ROBERT P FOSTER NP
15109 JACK W MILLER 6542180
15113 ELVIN PRATT 6544754
15118 JAMES A HOESCHEN 4 6592222
15204 DANIEL E FULLER 9 6590719
15206 RICHARD ALLEN 0 6596786

15206 STEPHEN PEARSON 6598961
15207 LEROY DRAVER 6547233
15215 RALPH BUCKNER 6544773
15216 JOE LIBBY 6544780
15221 S M GALER 8 6591974
15233 NP
15300 DANIEL H GROVE NP
HAZEL I HOWELL 6 6542042
53322 TAMELY J DVORAK 0 6544977
15355 CARL C STANFORD 0 6547023
15404 JERRY G RHODES -6543845
15409 F J HOESLY 6542404
15412 DR J E LARSON 7 6540054
15418* PACIFIC BLDG MNTNC 6546404
15511 LLOYD J BRUCE 7 6591354
15515 MARYVON KLOSKY 9 6594073
15593 GLEN D PARKER 9 6590644
15604 NEIL MUOIE 6544013
15609 EDWARD MARSDEN 9 6594875
15612 DENNIS A HILGER -6596508
15615 DONALD D REVEAL 6548764
15650 JOHN J GERHARDT 8 6590968
15654 WILIAM P. WATKINS -6592026
15705 RAYMOND L THIELKE 4 6545766
15710 JACK PERUZZO 6548329
15714 A E HERNER 6542539
15717 WILLIAM S ROWLEY 9 6545723
15722 D KEITH JOYNER 0 6596259
15800 MARVIN WINN 6546178
15810 WILLIAM D MCDONALD 6592998
WILLIAM D MCDONALD 9 6543771
15813 J C REASONER 6 6592967
15818 THOMAS E ROCKNEY 0 6597974
15819 KEN W DOWNING 5 6592828
15903 JOSEF BOZATI 4 6547026
15904 DARRELL D COLLINS 6595081
15910 CHARLES T DAVES 7 6544942
15917 H K EWALT 6542990
15919 DONALD D DANN -6543937
15921 NP
16003 RICHARD GORHAM NP
16010 GEORGE J FROTS 6547229
16011 RICHARD G FORSBERG 8 6592687
16015 WILLIAM J WOOLFORD 9 6542758
16018 BERT A GARNER 0 6544096
16023 WILLIAM C PREBLE 6541962
16024 RICHARD D COATES -6594784
16109 LURA E FAULKNER 6543340
16110 M FOSTER 6591027
JAMES A PHILLIPS 6 6546395
LELAND WALLACE 4 6542905
16130 DAN B HOWELL 6542888
16137 JOSEPH A GERBER 6543540
16142 JACK H GOSSETT 0 6542798
16216 NP
16221 JOHN H CHARTIER 6592279
16222 CHARLES WILLOCK 6592826
16305 L M WHIPPLE 9 6541361
16306 NP
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16316 NELS C BRUDVIG 9 6548234
16671 R P ADAMS 6548103
16695 R R MCDONALD 6548761
16699 LYLE E HARLESS 6544536
16704 F PHILIP FISCHER 0 6592547
16710 JOSEPH A GARNER 6547262
16721 ALAN E WARETT 0 6547924
16740 RICHARD D SALTER 6543770
16809 ROCCO CAPPELLI 9 6542961
7234 MRS T M GLASS 2898702
7235 L B SALSER 5 2895158
7306 E L LIVINGSTON 2 2895792
7307 L W HENRY RUVU 9 2891255
7324 BRADLEY LEPLY 6597996
7327 A ROOK 2893994
7334 KENNETH J ROBINSON 2893042
7401 G RATHER 2893371
7404 HENRY G BERGQUIST 2898409
7412 H E HERREN 2899791
7413 THOMAS EHLERMAN 2895268
7415 J A ABRAHAM 2895331
51 RESIDENCE
16915 JAMES L KAHL 8 6594568
17007 KENNETH JOHNSON 9 6547912
17014 JOHN KINSMAN 0 6549977
17021 LOUIS F CASALE 6 6590995
17024 WERNER H KREBS 6 6549945
17025 ETON L BIERER 6 6547135
17055 JEROME C LILLIE 5 6546227
17100 E C SHANKLAND 6542090
17106 PHIL LANGLAND 5 6593631
17110 GARY R STOLL 9 6540873
17111 VERNAL V VANCE -6547408
17116 CLAUDE W SHUMATE 6542488
17128 E E STRANDHOLM -6543985
17223 JACK S BARBER 9 6594787
17284 DONALD E OLSON 7 6594870
17301 MASON O LAMB 8 6548683
17305 JULIUS WELTER 6544555
17307 NP
EDWIN C DAVIS NP 0 6540229
17309 VICTOR L COLT 6542501
17312 LUNA CREW 6541953
17320 LOLA GUYMON 6597582
17326 D A HERSHBERGER -6548366
17400 TED F HEYDEL 7 6541937
17411 HELMUT W MISKE 6547040
17414 PAUL KOCH 5 6590418
17415 DON P BURDICK 6540633
17503 CARL F MORETTI 9 6548666
17514 MRS GEORGE H BURR 6545598
17515 C T NEFF -6548479
17531 NP
17707* BENEFICIAL LFE INS 6591261
R L SCHNEPEL 6591261
17711 ERIC L PETERSEN 9 6540410
17717 CHARLES H YODER 6 6593312
17817 HAROLD V LEADER 9 6592505
306 RESIDENCE 9 BUSINESS
OATFIELD RD SE GLADSTN
97027
200-19199 T 220 \$C..J 9
260* ROYAL A COCHRAN 6544271
ROYAL A COCHRAN 7 6546271
*COCHRAN SUNSET CH 6544271
345
450 E A CATTO 6586896
505 EUGENE H COX 0 6551070
FRANK B LOSEY 7 6561373
580 ORVAL R BLAIR 7 6568542
760 BENJAMIN HANSON 0 6538877
840 MRS E M BOETTCHERT 6563697
900 E DUGGER 0 6562215
930 MELVIN W HUSTON 6554910
960 PERRY H LARSEN 7 6562233
1080 ART KLINGSPOERN 7 6569746
LAVEEN KLINGSPOERN 6569746
1120 ROBERT PIERCE 7 6565445
1160 LAWRENCE HEDDEN 9 6560173
1170 JAMES D HEFFERNAN 7 6562169
1180 NP
1185 RICHARD OBERSON 7 6567733
1230 RAY C MONISMITH 6553248
1250 DONALD G KNUSDON 9 6568435

1280 JOSEPH H SPOONER 6561087
W F MCDONALD 9 6566144
17827 FAL CONWAY 7 6568007
17837 ARNOLD SITTNER 7 6568007
17855 JOHN L SCHEEL 7 6566492
17875 BERT BRADLEY 5 6564631
17915 ROBERT J STAPLETON 6554430
17917 MRS C E GRANT 65669359
17919 THOMAS L PUGH 6568208
17923 RAY W ANDSEY 6562227
17923 LOUIS E MAXFIELD 0 6553610
17940 NORMAN C THOMSON 8 6562296
17945 MRS JUDY VANRANSTO 6568660
18000 MAC R PAYNE 7 6561134
18009 A DUANE PINKERTON 7 6563187
18101 HARVEY H MCCARTY 9 6568649
18101 NORMAN H HANSON 0 6562227
18115 MEL MATHEWS 0 6562140
18119 GEORGE HEIMEL 7 6564863
18122 KENNETH R WILLIAMS 7 6563349
18203 RAYMOND L BUSS 9 6568984
18211 T R BLAKELY 9 6567820
18300 WILLIAM H PREBLE 9 2894649
18303 RALPH R DIETZ 5 6563383
18309 IVAN ARISON 9 6569604
18323 ERNEST W ANDRUS 5 6569877
18505 RUSSELL GODEJAHN 7 6561182
18651 MRS CHARLES SMITH 6554942
19122* OREGON BOOK EBI BL 6569405
90 RESIDENCE 3 BUSINESS
OATMAN AVE N 97217
6700-7499 T 39.01 \$C..G 4
19114 T R PHIPPS 7 2894649
6726 CALVIN M BROWN -2856003
6738 ALLAN R LORD 9 2898026
6808 MRS MARGARET UNGER 2897767
6815 HOWARD J KILLEEN 9 2852467
6818 HENRY J HAMPTON 2898518
MILDRED HAMPTON 2894754
6906 R A WOODS 2892205
6927 NP
6934 W G KOVAR 2890615
6939 DON MENICOSI JR 2890225
6942 JOHN LEE OSBORN 2891825
6951 LLOYD W ROCKTER 8 2895797
6959 R C LEWIS 2894498
6966 J E WHITE 2894752
6975 GLEN N HEREM 2892838
7006 R A ARRONSON 9 2896509
7016 ALLEN N CUPWINGS 6 2895792
7017 W J CAUSGROVE 2890929
7025 F FINK 2890184
7028 M WILDER 4 2858993
7038 W L FENT 7 2855409
7050 J F MCCLURE 2896449
7058 ISAAC PAKPOFF 2895816
7104 STANLEY H MCCUNE 8 2856498
7105 T E PEARCE 2893689
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7123 GARY SPANNAUS 0 2898318
7134 M PETKOVICH 2893127
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7202 CHARLES W LEAVY 0 2854940
7210 P BRDGERICK 2894821
7211 R SMITH 6547924
7216 D M FERGUSON 5 2898749
7223 MRS M SCHILLEREF 2895842
7234 MRS T M GLASS 2898702
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7415 J A ABRAHAM 2895331
51 RESIDENCE
OBERLIN N 97203
4700-6799 T 40.02 \$B..F 4
4708 JOHN C BROWN 4 2895290
4709 JOHN T NESTLEN 9 2898487
4712 M LAURENTZ 2894607
4718 G W ROUSE 2892690
4742 OSCAR BRAATEN 9 2894225
4743 KIM E WELLS 9 2899589
4768 JAMES M NELSON 8 2893589
4820 E N HELLEM 2891310
4835 E HOWELL 4 2892931
4914 JOHN C NEELEY 7 2899857
4931 M TEENY NP
5005 MRS FRED STRATTON NP 2891427
5006 HAROLD E BISHOP 2894465
5020 NP
5023 MICHL A SAFRANSKI 2894852
5028 G C GRITZWACHER 2894304
5037 E BADLEY 2891217
5040 MARJORIE L CURRY -2851071
RICHARD E CURRY 9 2851071
5109 V E WHITE 9 2895620
5110 H V COLE 9 2890630
5202 NP
5208 H M JOHNSON 2891613
5214 L CHALMERS WELSH 2899333
5228 MRS JERRY PERKO 2855828
5253 LEROY FLACK 9 2857266
5266 L CHARD 2890974
5269 NP
5274 NEWTON L KINKADE 2895981
5279 L E THOMPSON 2891733
5316 ADAMS 2896001
5331 GEORGE M VETTER -2855090
5335 M FLORES 2899875
5411 MRS JOSEPH A BROWN 2894924
5412 RICHARD H THOMPSON 0 2854262
5421 T ROOSA 2897733
5426 R MORAN 2897733
5427 D M SCHEEL 2894129
LAWRENCE W SCHEEL 9 2894129
5510 B D MOORE 2893313
5522 W D ATKISSON 0 2856255
G RUSGIGNO 2892031
5528 PALM S BISHOP 5 2891733
62 BRITTON 2891558
5624 EUGENE V SHARRARD 2892022
5706 D T MANN 0 2894437
5707 NP
5726 JOHN A KORTAS 9 2890100
5803 MRS WILLIAM LISTON 2855036
5806 NP
5816 ERVIN M GREISEN 2858240

5912 A GETTMAN 2855535
5925 RAYMOND BRAY 9 2858223
6006 H J PECHANICK JR 4 2855424
6006 H G KELLOGG 2855546
6015 PETER J ERCEG 2855635
6036 JOSEPH E GALIPEAU 2890720
6115 J A GULSTRAND 2855604
6205 R E HOYT 2855454
6206 G R FORTUN 2855757
6312 G J DISTRICT 2855505
6212 D THILEN 5 2892559
6215 H HAAG 2855534
6218 J W REES 9 2899976
6225 JOSEPH F LYSKI 2855423
6226 G CUSICK 2855414
6311 W G FUNK 9 2856587
6312 G W HILLSLEAD 6 2894977
6322 A J CODDINGTON 8 2894735
6323 ALEX STANSGAR 9 2897324
GARY STANSGAR 9 2897324
6332 V F BLOM 2855595
6333 FRANK P WOLFSEHR 2855536
6341 M OSTROSKI JR 2855554
6342 MRS JAMES H WHITE 2855554
6356 W C ANDERSON 9 2851139
6428 J W OSBORNE 4 2868174
6535 LEVAIN M PHEGLE 7 2868153
6633 JUNE M BEARDSLEY 0 2862238
E L CURRAN 0 2862141
E O HARRIS 0 2862114
MRS ADA M IRWIN 9 2863010
MARIE P JOHNSON 0 2865074
ELSIE E SELBY 0 2864175
MRS EMMA STOLBERG 0 2868455
S A WHITE 0 2861733
MARIE WOOD 0 2865137
6634 GEORGE H CALVERT 2 2863339
G C TONKYN 0 2860909
90 RESIDENCE
OBRIEN LK OSWG
97034
END T 205 \$A..E 9
930 G K KILGOUR 9 6365335
1023 SHELDON KIMALEHTO 6363797
1033 DAN WATSON 6367218
1042 DAVID O MYERS 9 6363913
1043 SCOTT REDFIELD 6363051
1044 DAVID E SALA 9 6365209
6 RESIDENCE
OBRIEN SW 97223
1- END T 305 \$A..E 7
7755 J A MILLER 2 2465864
7805 FRANKLIN WYLE BEAL 2 2465018
7845 R EASTMAN 2 2413500
7925 R S CHAMBERS 2 2444675
7950 J H JOHNSON 2 2465540
7955 ARNO W EHLERS -2460288
7980 ELWOOD L JONES 9 2445571
7 RESIDENCE
OCHOCO SE 97202
MILWAUKIE
OAK GROVE
800-1699 T 1 \$D..G 7
1700-2499 T 2 \$C..H 7
808 NP
840 MRS AUGUSTA TOBIN 7 6548821
841 H E HOFFMAN 7 6548082
849 NP
852 JUDYDELL A COWDEN 6598452
861 CLYTHIE EARHART 6542558
MICHELLE E EARHART 6542558
862* CUSTOM KITCHEN 6549603
* NINA WEINSTEIN 6549603
863 NP
867 R SAFTENBERG 7 6545952
ZINA L SAFTENBERG 9 6545952
879 GROVE BALL 9 6591951
L R STRAZZEL 9 2351949
2037 W E LEPPERT 4 2355374
2100* HARRISON ANML CLNC 6548511
* JAMES B HARRISON 6548511
2105 JOE E SIRIANNI 9 2367136
2106* CUSTOM PTSETRLR SUP 6543131
2108* ONBUS HL ICE CRW CO 6597143
2135* HAYDORIK DIST 2340608
2366* MILWAUKIE SNTRY SV-6548804
* W J ROOTS CO BUSES 6546516
2425* CASCADE BLDG SYSTM 6591232
* MELLITT SALES 6593248
* HYDRONIX INC PUMPS 6596230
14 RESIDENCE 12 BUSINESS
OELRICH RD NW HILSBRO
97123
23100-23699 T 324 \$D..C 8
23400 MRS E VELMA KLUSER 7 6487708
JOHN KRATZ 6 6487219
23460 CLYDE LEACHMAN 6 6482265
23550 RICHARD HINTZ 8 6486967
23610 WILLIAM H HOLSCHER 9 6482942
23620 H D HARALA 6 6482044
23640 VIRGIL ANDGRAF 6 6486746
23650 ANDY CSERGET 9 6485105
8 RESIDENCE
OETKIN DR SE 97222
MILWAUKIE
OAK GROVE
1- END T 218 \$B..H 9
5479 ROBERT R SUTTON 8 6593087
5485 R T SIMMONS 6 6547331
5505 R K HERTEL 6 6544801
5511 ROY L MCDONALD 5 6549786
5513 H A FIZZELL 9 6591679
5555 MRS L C BEHTLO 6547455
5571 WARD THOMAS 9 6595284
6100 PATK L RICHARDSON -6597121
8 RESIDENCE
OETKIN RD SE 97222
MILWAUKIE
OAK GROVE
1- END T 218 \$B..H 9
5080 RAY A CHASE 7 6593824
5301 H LAWRENCE KEMPER 6598153
5315 JACK E BELTER 7 6543691
5335 JOHN W HANSON 9 6591679
5401 K W RAFTSHOL 7 6540049
K W RAFTSHOL 6540187
AV V DOBASKI 3 6595218
5412 ROBERT NUJES 4 6540491
5500 L N SKOVBOG 6 6544981
5519 ROBT F SCHERZINGER 6595975
5601 LEWIS G KAISER 6597130
5611 ALTON C BILLINGS 6544849

**PERIODIC SURVEILLANCE
FORM B**

At least every six months these materials should be reviewed for any changes in conditions. The initial conditions are indicated in your Management Plan. Review them carefully and then walk through the building to observe current conditions. Be sure to note both damage and change in condition for every material by circling the appropriate category. This form is to be kept in the periodic surveillance section and should be utilized anytime you notice a change.

DO NOT TOUCH ASBESTOS-CONTAINING MATERIAL WITHOUT PROPER TRAINING

School District: North Clackamas School District #1 Date of Observation: 7/02 2016
 School Name: Administration Building PBS Project Number: _____

| MATERIAL | LOCATION | QUANTITY | DAMAGED | CHANGE | COMMENTS |
|----------------------------|-------------------------------|----------|---|---|--------------|
| Mechanical Isolation Cloth | Throughout facility | | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Lay-in Ceiling Tile | Upper level | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | <i>minor</i> |
| Textured Ceiling Material | Various locations in building | | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Vinyl Floor Tile | Various locations in facility | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | <i>minor</i> |
| Sheet Floor Covering | Restrooms, under water heater | | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Gypsum Wallboard | Basement | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | <i>minor</i> |
| Wall and Ceiling Plaster | Throughout facility | | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Remark | _____ | | | | |

By: *Chris Bayce*
 Title: *Industrial Hygienist*

**PERIODIC SURVEILLANCE
FORM B**

At least every six months these materials should be reviewed for any changes in conditions. The initial conditions are indicated in your Management Plan. Review them carefully and then walk through the building to observe current conditions. Be sure to note both damage and change in condition for every material by circling the appropriate category. This form is to be kept in the periodic surveillance section and should be utilized anytime you notice a change.

DO NOT TOUCH ASBESTOS-CONTAINING MATERIAL WITHOUT PROPER TRAINING

School District: North Clackamas School District #1 Date of Observation: 7/22/2016
 School Name: Concord Elementary School PBS Project Number:

| MATERIAL | LOCATION | QUANTITY | DAMAGED | CHANGE | COMMENTS |
|-------------------------------|--|----------|---|---|----------|
| Asbestos Pipe Insulation/Hard | Interstitial spaces throughout facility | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Gasket | Boiler room | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Vinyl Floor Tile | Throughout facility | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Gypsum Wallboard | Throughout facility | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Wall and Ceiling Plaster | Throughout facility | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Cement Asbestos Board | Throughout facility | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Sheet Floor Covering | Throughout facility | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Fire Door | Boiler Room | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Glued-on Ceiling Tiles | Ceilings throughout the school | | Yes <input checked="" type="radio"/> No | Yes <input checked="" type="radio"/> No | |
| Remark | <u>School is closed & unoccupied</u> | | | | |

By: Chris Boyce
 Title: Industrial Hygienist



North Clackamas Schools
engaged inspired ready

Existing Oil Tanks July 16, 2012

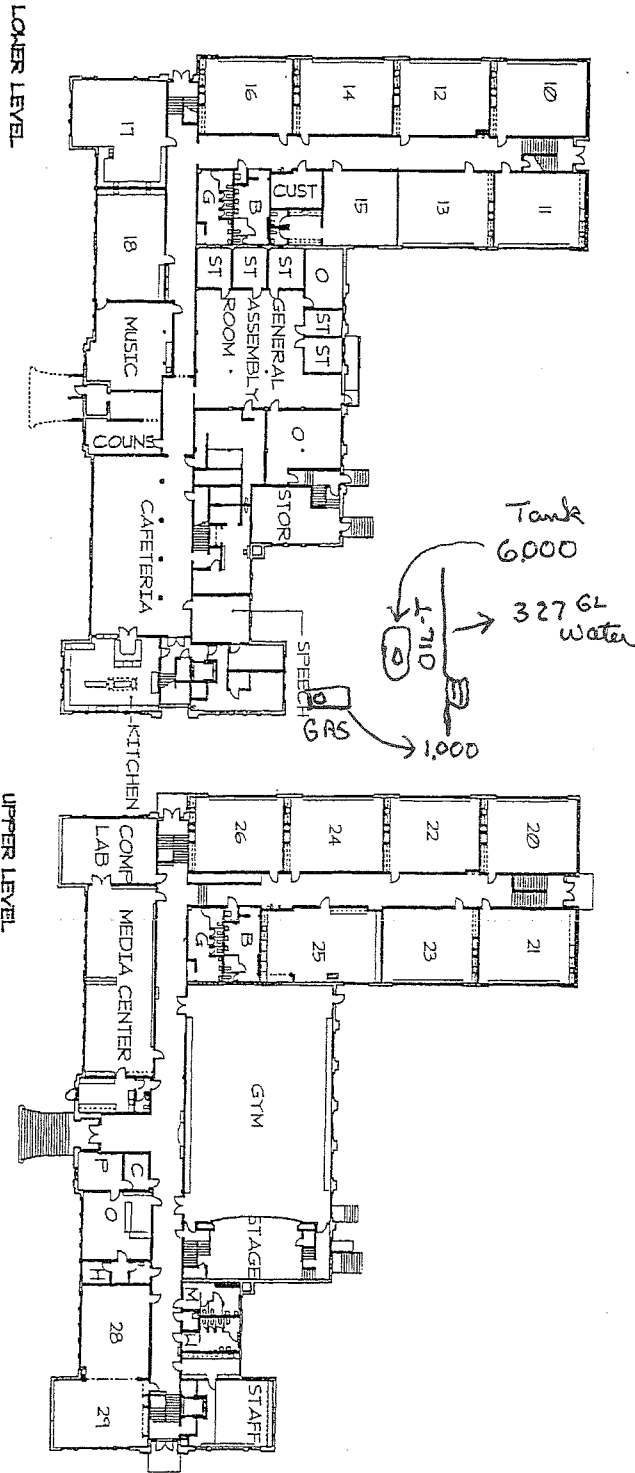
Concord Elementary

1 oil tank and 1 gas tank.

Oil tank is 6,000 gallons and has 327 gallons of water in it.

Gas tank is 2,000 gallons.

7-5-2012



OVERALL FLOOR PLAN

| | |
|----------|--|
| 02/20/22 | |
| 02/20/22 | |
| 02/20/22 | |
| 02/20/22 | |

NORTH CLACKAMAS SCHOOL DIST
CONCORD ELEMENTARY SCHOOL
 3511 SE CONCORD ROAD MILWAUKIE OREGON

ASBUILT
 06/10/2002
 11:00:15 AM



ASBUILT CONCORD

APPENDIX E

SITE RECONNAISSANCE RECORDS

Site Photographs

Field Checklist



PHOTO 1: West side of school looking north from parking lot



PHOTO 2: West side of school looking northeast from playground and across parking lot



PHOTO 3: North side of school looking east-northeast along the addition to the original building



PHOTO 4: North side of school looking west-southwest



PHOTO 5: Looking west-southwest along the addition

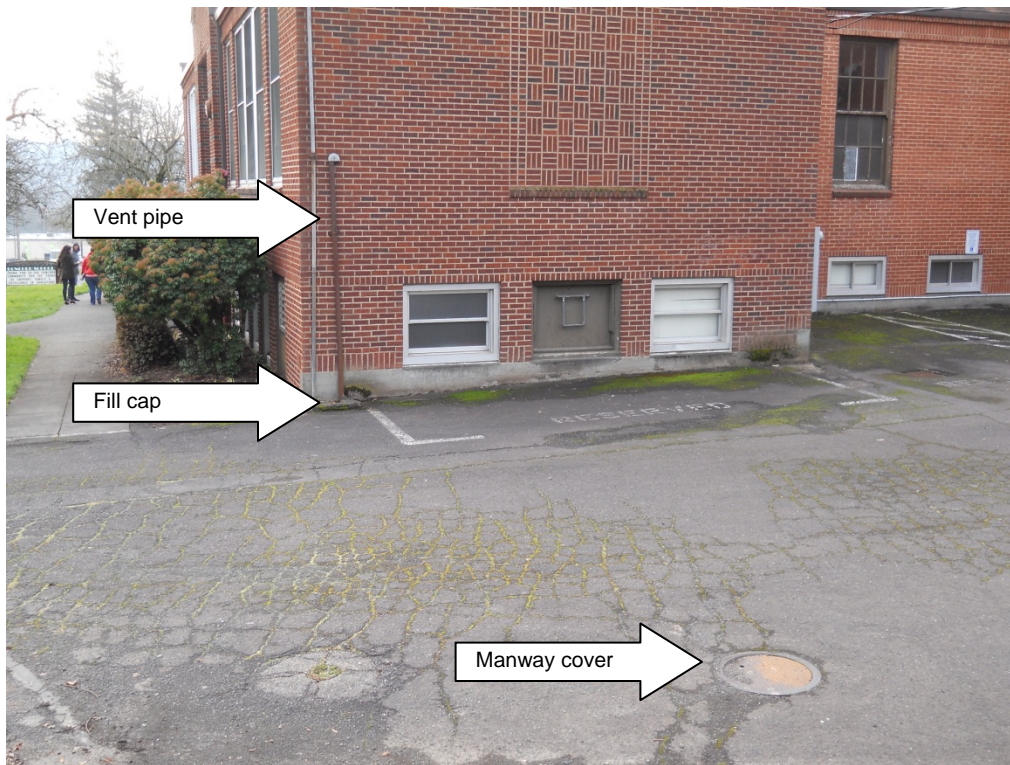


PHOTO 6: Vent pipe, fill cap and manway cover located at the southeast corner of the school



PHOTO 7: Former incinerator located on the east side of the school



PHOTO 8: Raised area that once was a community garden



PHOTO 9: Looking northeast toward the former community garden area

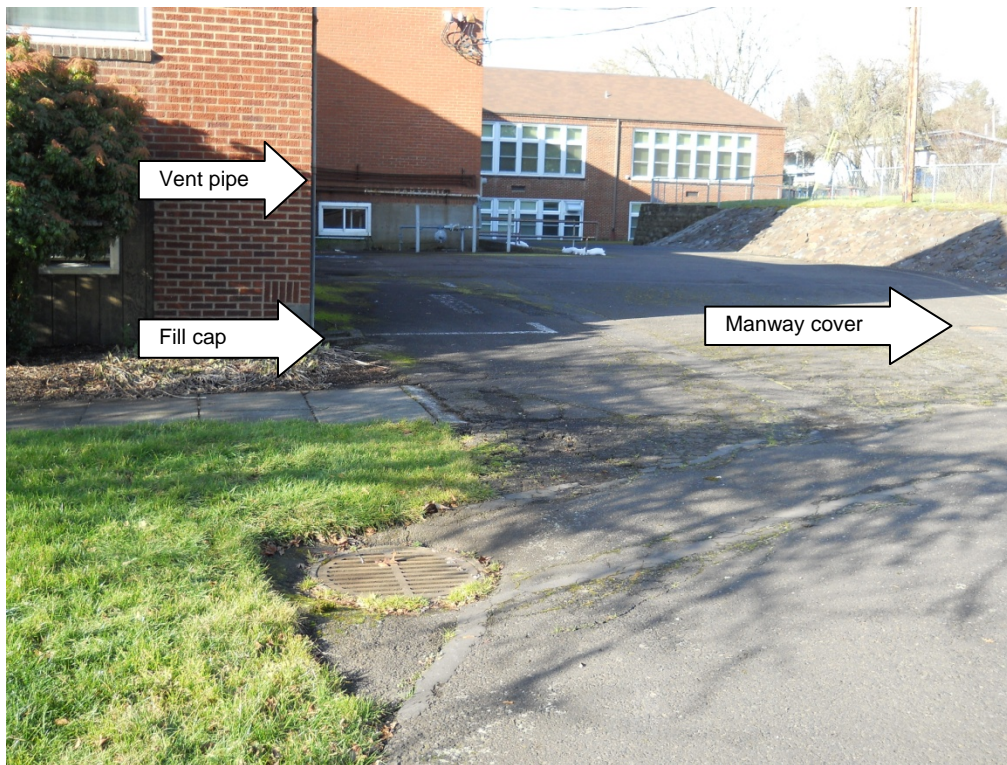


PHOTO 10: Southeast area of the property looking generally north



PHOTO 11: North side of school looking southeast across the field



PHOTO 12: Looking south across the field toward the covered play structure



PHOTO 13: Looking north-northeast along the north-northwest side of the property



PHOTO 14: Looking south toward the covered play are and adjacent Walmart property



PHOTO 15: Moss covered black top located in the south-southwest portion of the property; looking toward SE Concord Road



PHOTO 16: Looking southeast toward SE Concord Road and the adjacent properties



PHOTO 17: Cafeteria area located on the lower level



PHOTO 18: Kitchen area located on the lower level



PHOTO 19: Custodial maintenance and storage room



PHOTO 20: Additional storage area of paint and sealant



PHOTO 21: Old boiler system located next to the current natural gas furnace system



PHOTO 22: Library located on the upper level



PHOTO 23: Gymnasium located on the upper level



PHOTO 24: Upper level hallway near front office



PHOTO 25: Typical classroom finishes



PHOTO 26: Staff room located on upper level, recently refinished



PHOTO 27: Front office finishes

PHASE ONE FIELD CHECKLIST & PHOTO LOG

Project No.: 22627.001
 Completed By: Dana Domenighini Date: 1/24/17
 Site Name/Address: 3811 SE Concord Rd, Milwaukie
 Site Contact: Kathryn Krygier
 Site Description (e.g., single-family residential, multi-tenant commercial): vacant school bldg
 Tenant(s)/Occupant(s) vacant school bldg w/ athletic fields
and playground
 Areas not accessed (state reasons) only 4-5 classrooms viewed
 Weather at the time of site visit (e.g., overcast, heavy rain, snow) Overcast
 Topography/Slope gentle to w/sw

SITE DEVELOPMENT

| Building Descriptions (e.g., wood-frame residence, concrete tilt-up commercial) | #Stories | Basement? |
|---|----------|-----------|
| NOTE: For multi-building sites, include individual addresses or building numbers | | |
| <input type="checkbox"/> No buildings on the subject property | | |
| School | 2 | Yes |
| | | |
| | | |
| Exterior Features (e.g., paving, gravel, landscaping) <u>Paving & landscaping/athletic fields</u> | | |

UTILITIES

| | |
|--|---|
| Heating (e.g., natural gas, oil, electricity) | Natural gas fired boiler |
| Water (well or municipal) (if a water well is present, indicate location) | Municipal |
| Sewer (municipal) or Septic (if a septic tank is present, note location) | Municipal |
| Stormwater (note features such as detention ponds, catch basins, swales; note whether unusual odors or staining are present) | Municipal; catch basins present no odor/stains |

SITE OBSERVATIONS

| | |
|--|--|
| ASTs (approx. size and location; note secondary containment, evidence of leakage, spills) | None |
| USTs (approx. size and location; note associated pumps, fill ports, vent pipes) | vent pipe & fill port on SE corner of bldg |
| Drums (note locations, condition, contents, labeling, secondary containment, evidence of spills) | None |
| Automobile repair/maintenance activities (note in-ground hoists, parts washers, stored batteries, stored engine blocks & other oily parts, lube pits, oil sumps) | None |

| Stored chemicals, hazardous materials (e.g., 5-gallon buckets, pre-packaged retail containers; note condition, evidence of spills) | cleaning supplies, latex paint, spray paint, gasoline canister | | | | |
|--|--|----|--|-----|----|
| Floor drains (note locations, stains, odors, chemical storage nearby) | Yes, no odor OR stains | | | | |
| Oil-Water Separator (note location, cleaning schedule, if known) | None | | | | |
| Solid waste (e.g., dumping, litter, refuse not in a dumpster or other appropriate receptacle) | None | | | | |
| Pits, lagoons, other surface impoundments (artificial features; note unusual staining, odors) | None | | | | |
| Other Features/Conditions | Yes | No | (if yes to these items, include more information under "Notes," below) | Yes | No |
| Dip tanks | | ✓ | Wetlands, ponds, lakes (natural features) | | ✓ |
| Landfills | | | Railroad spurs | | |
| Concrete patching (e.g., old hoists, tanks) | | | Stressed vegetation (not due to dryness) | | |
| Discolored/stained soils | | | Remnant foundations | | |
| Disturbed soil (mounding, soil piles, scraped areas) | | | Buried utilities | | |
| Boreholes or Test Pits | | | Trails, dead end roads | | |
| Monitoring wells | | | Unusual odors | | |
| Dry wells | | | Transient camps | | |
| Fill material | | | Rivers, streams, creeks | | |
| Depressions | | | Wildlife, livestock | | |
| Transformers (on-site only) | ✓ | | (Note location, whether pad/pole mounted, labels, condition, evidence of leakage) Good condition | | |
| Is the property abandoned? | | ✓ | (if abandoned, interview neighbors) | | |
| Other Conditions of Concern | | | | | |
| Notes: | | | | | |

ADJACENT PROPERTIES

North: Residences

South: SE Concord Rd; residences, rest/pizzaparlor/salon (SW)

East: Residences

West: Walmart; Dollar Tree; Ace Hardware; Office Max; Goodwill (vacant)

Conditions of Concern on Adjacent Properties (e.g., USTs, ASTs, automobile repairs, industrial uses)

None

| Visual Surveys | Observations | Samples? |
|--|--------------|----------|
| <input checked="" type="checkbox"/> Not in Scope of Work | | |
| Asbestos | | |
| Lead-based paint | | |
| Mold | | |
| Other | | |

SITE SKETCH (or attach site plan/aerial that includes field notations)

North

No Scale

APPENDIX F

QUESTIONNAIRES

Property Owner Questionnaire
User (Client) Questionnaire



Please complete and return completed and signed questionnaire via email or by fax (866.727.0140)

The following questionnaire will help PBS Engineering and Environmental Inc. (PBS) conduct a more thorough investigation during our Phase I Environmental Site Assessment.

Please answer the questions to the best of your ability and return at your earliest opportunity via email or fax. (Or you may mail the completed questionnaire to the address provided in the cover letter or email message to which this questionnaire is attached.)

Where appropriate, please include copies of citations, permits, maps, etc. If necessary, please use the space provided on page 4 to further explain "Yes" responses or include additional information needed to clarify answers (please reference question number).

PROPERTY ADDRESS: 3811 SE Concord Road, Milwaukie, Oregon

1. Property Ownership: Are you the legal owner of the subject property ("property")?
[checked] Yes Approximate Years Owned 130 yrs Previous Owner's Name Marion Phillips
[] No Legal Owner Owner Contact Phone

2. If you aren't the legal owner, what is your relationship to the property?

3. What is the current use of the property?
Currently it is a vacant school building.

4. Please describe past uses of the property to the best of your knowledge.
Don't know

5. Has the property, or adjoining properties, ever had these uses or site features? If you answer YES, please provide details.

Table with 3 columns: PAST or PRESENT USE, YOUR PROPERTY, ADJOINING PROPERTIES. Rows include Storage tanks, Gasoline station, Industrial use, Commercial printing.

| PAST or PRESENT USE | YOUR PROPERTY | ADJOINING PROPERTIES |
|---|---|--|
| Junkyard, landfill, or waste treatment, storage, disposal, processing, or recycling facility? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Burial, burning, or aboveground dumping of: <ul style="list-style-type: none"> • Petroleum/hazardous substances • Drums or other waste containers • Tires • Automotive/industrial batteries • Municipal waste • Other waste materials | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Storage of: <ul style="list-style-type: none"> • Damaged/discarded automotive or industrial batteries • Industrial drums/sacks of pesticides, paints, or other hazardous chemicals | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| On-site septic system (septic tank or cesspool)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Waste treatment or disposal using pits, ponds, lagoons, or depressions? (Would include wastewater discharge onto property) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| PCB-containing equipment (such as electrical transformers, capacitors, or any other oil-filled equipment)? Or, other uses of PCB-containing oil | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Petroleum products or hazardous substances: Have they ever been used on the property? If yes, please clarify. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Drywells? If yes, what type? Were they for roof drains or other stormwater? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Sumps? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Water wells? If yes, is it a private or community well? Have contaminants been identified in it? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| | | |

Do you know of any other environmental concerns related to neighboring properties?

6. Have you ever observed the following? Please clarify if you answer yes.

| | YOUR PROPERTY | ADJOINING PROPERTIES |
|--|---|--|
| Vent pipes, fill pipes, or access ways protruding from the ground on the property or adjacent to structures | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Stained soils (other than typical automotive engine oil drips) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Flooring, floor drains, catch basins, or walls that are stained by substances other than water or emitting foul odors? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Fill dirt brought onto the property that originated from a known contaminated site or from an unknown location/origin | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |

7. Please answer these questions about the property to the best of your knowledge.

| | |
|---|--|
| Environmental Liens and/or Property Use Restrictions (such as deed restrictions) | Do you have knowledge of any on the property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Details: |
| Has the property value or purchase price been devalued (lowered), relative to comparable properties, as a result of environmental conditions at the property or surrounding properties | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Have there been any past or recurrent violations of environmental laws with respect to the property or any facility located on the property resulting in governmental notification? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Have there been environmental assessments previously conducted for the property? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, have they indicated the presence of hazardous substances or petroleum products or subsurface contamination? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, was further environmental assessment of the property performed and/or recommended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are there any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the property? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

8. Please provide the property's utility provider, if known.

| | | | |
|--|--------------------------|----------------|--------------------------|
| Electricity | PGE | Natural Gas | North West Natural |
| Sanitary Sewer | Oak Lodge Sanitary Dist. | Solid Waste | Oak Lodge Sanitary Dist. |
| Storm Sewer | Oak Lodge Sanitary Dist. | Drinking Water | Oak Lodge Water Dist. |
| How are on-site buildings heated/cooled? | | | |

9. Please indicate below if the following exist or have been conducted for the property:

- Prior environmental site assessment reports, including asbestos survey or abatement reports
- Environmental audit reports
- Environmental permits (e.g., solid waste disposal, hazardous waste or wastewater permits, NPDES permits)
- State or federal registrations for aboveground or underground storage tanks
- Community right-to-know plan
- Safety plans, preparedness and prevention plans, spill prevention plans, etc.
- Hydrogeologic reports
- Notices/correspondence from governmental agencies (past or current violations of environmental laws)
- Hazardous waste generator reports
- Geotechnical studies

Additional information, if needed:

For any questions that were answered "Yes" in this questionnaire, or otherwise require additional explanation, please provide *question number(s)* and details here:

7. Have there been environmental assessments:

Yes - I know we assess for asbestos and Lead paint. We do have both on site.


The undersigned represents that the information given in this questionnaire are accurate and complete **to the best of his or her knowledge.**

Melinda Shumaker

Name (Please Print)

North Clackamas School District

Company (Representing)


Signature

February 3, 2017
Date



This form is the User Questionnaire, as defined and required by ASTM E1527-13. The "User" is the party seeking to rely on the Phase I Environmental Site Assessment; this typically is NOT the current property owner. The User's responses to these questions are an important element to meeting the All Appropriate Inquiry rule. It is acceptable to write "Do not know."

PROPERTY ADDRESS: 3811 SE CONCORD ROAD MILWAUKIE, OREGON

FORM COMPLETED BY: # Kathryn Krygier

RELATIONSHIP TO PROPERTY: # potential buyer

QUESTIONNAIRE

Please complete this information to the best of your knowledge.

1. Are you aware of any environmental cleanup liens against the property that are filed under federal, tribal, state, or local law? [] Yes [X] No (summarize below if yes)

[Blank lines for response to question 1]

2. Are you aware of any Activity and Land Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? [X] Yes [] No (summarize below if yes)

Possible conditional use for zone. Bldg. is eligible for designation as a local landmark & National Register of Historic Places.

3. As the User of this Environmental Site Assessment, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by that type of business?

Don't know

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? [X] Yes [] No

If you conclude that there is a difference from fair market value, is the lower price because contamination is known or believed to be present at the property?

[Blank lines for response to question 4]

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases?

For example:

Do you know the past uses of the property?

School.

Do you know of specific chemicals that are present or once were present at the property?

No.

Do you know of any spills or other chemical releases that have taken place at the property?

No.

Do you know of any environmental cleanups that have taken place at the property?

No.

Any other environmentally significant information?

Radon test (attached) dated 9/29/2016

Periodic surveillance form (attached) dated 7/22/2016

Lead Water results (attached) dated 6/9/2016

6. Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No

Signature:

K. Krugier
Kathryn Krugier

Please Print Name:
Company (if applicable):

Date:

January 19, 2017

Title:

North Clackamas Park & Rec. District
Interim Parks Planner