

Phase I Environmental Site Assessment

3811 SE Concord Road Milwaukie, Oregon 97267

Prepared for:

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

February 2017 Project No. 22627.001

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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.

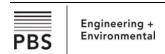
The adjoining properties to the east and south were in residential use by the late 1930s, with agricultural use also on the east-adjacent property during that time. By the early 1940s, the properties were in residential and orchard use. The orchards were removed by the late 1950s (east-adjacent property) 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.
- 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, Township 2 South, Range 1 East, SE ¼ of NE ¼ of Section 12,

Section: 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.

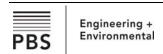
If the subject property and/or adjacent properties are identified in the regulatory database report, the information is summarized below. Regulatory data for surrounding properties that may pose a potential risk to the subject property are also included below. Other listed sites are not considered to 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
minualitio, Grogon	

The property is listed as having an underground tank containing home heating oil. No other information was provided. *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.*



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.		

Joe's RCR	T # 6809 RA-CESQG # ORQ000031798 zmat # 1305994 and 1202626
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Located west (downgradient) of subject property

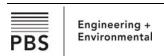
This property is listed as having one UST that appears to have been associated with the former GI Joes retail store at this location. No other information was provided, and the site does not appear on leaking underground storage tank databases.

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.

Milwaukie, Oregon

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.	LUST # 03-93-0111 and 03-98-0959
15710 SE McLoughlin Boulevard	UST # 1107
Milwaukie, Oregon	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
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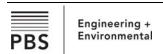
Located 700 feet west (downgradient) of subject property

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.



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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
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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 Insurar	nce Maps	No coverage
Building Department Records	Clackamas Coun Transportation an		1992, 1996, 1998, 1999, 2001, 2002, 2010
Subject Property			
Date Permit #	Listed owner	Information	



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, reroof, 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 Prop	erty			
Date		Occupant		
1971		No listing		
1975				
1979				
1984		Cabaal		
1988	School			
1994				
1998/1999				
2004	No listing School			
2008				

Adjacent Properties

Date	North	East	South	West	
1971			Residence	Residence	
	-		Concord Support Office		
1975			Apartments		
			Residence		
		Apartments			
			Residence		
	No listing Residence	North Clackamas Instructional			
4070		Hair salon (SW)			
		Taylor Made Hobbie (SW)	Brownell Holly Farms		
1979		Christian Supply Center (SW)			
		1 Hour Martinizing (SW)			
			Rainbow Dry Cleaning (SW)		
			Shoe store (SW)		
			Print Right Copy Center (SW)		
1984			Apartments	Residence	

	Residence	
	Hair salon (SW)	
	McLoughlin Import (SW)	
	Christian Supply Center (SW)	
	Holly Farms Cleaners (SW)	
	Insurance office (SW)	
	Printright (SW)	
	Apartments	
	Residence	
	Hair salon (SW)	
4000	Discount Import (SW)	NIA Paga
1988	Pizza parlor (SW)	No listing
	Holly Farms Cleaners (SW)	
	Insurance office (SW)	
	Dial-A-Gift (SW)	
	Apartments	
	Residences	
	Willow Tree Creation	
4004	Hair salon (SW)	
1994	Sporting goods store (SW)	Fabricland
	Pizza parlor (SW)	
	Holly Farms Cleaners (SW)	
	Insurance office (SW)	
	Apartments	
	Residences	
	Willow Tree Creation	
1998/1999	Hair salon (SW)	Goodwill
	Sporting goods store (SW)	
	Pizza parlor (SW)	
	Alpine Cleaners (SW)	

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

Title Records	Not provided for review.
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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?		Х
Does the User have specialized knowledge or experience that may be material to the identification of recognized environmental conditions on the subject property?		Х
Has the property purchase price been devalued based on environmental conditions at the subject property or surrounding properties?		Х

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.

Dana Domenighini PBS Staff Scientist 2/6/201

Date

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.

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

Date

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.

Maisha Walker, RG PBS Senior Geologist 2/6/2017

Date

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 conducing 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 projection, 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)

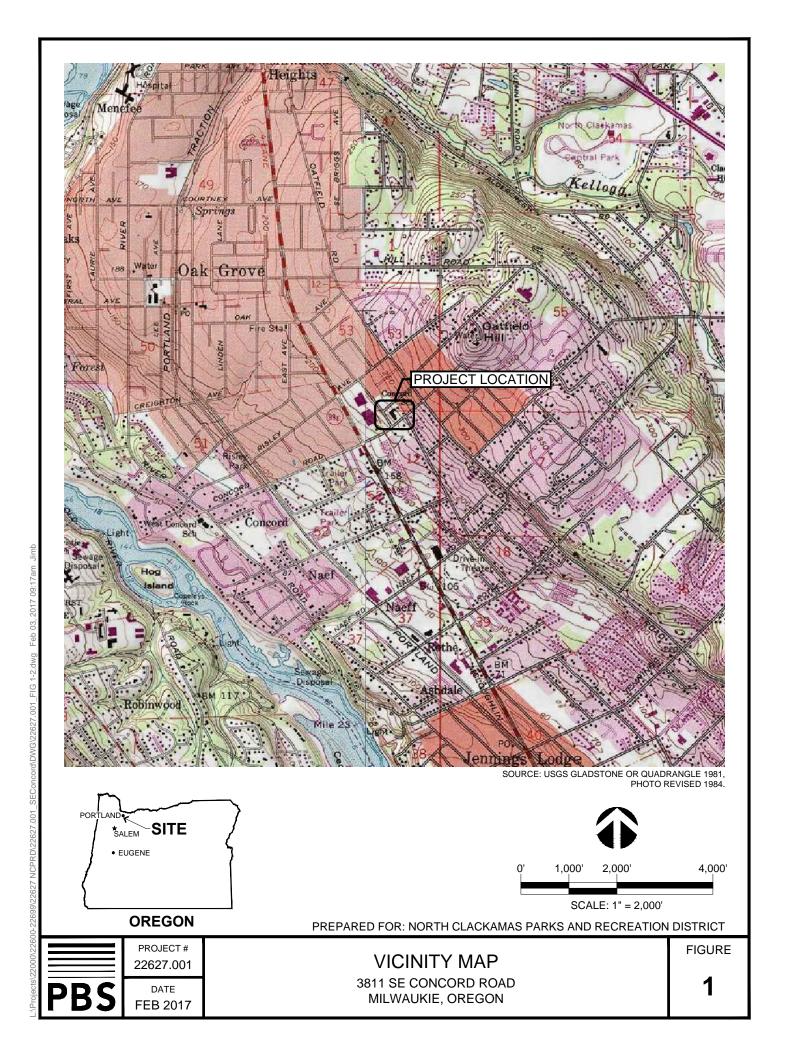
Note: Definitions without a specific citation are derived from PBS project and industry experience.

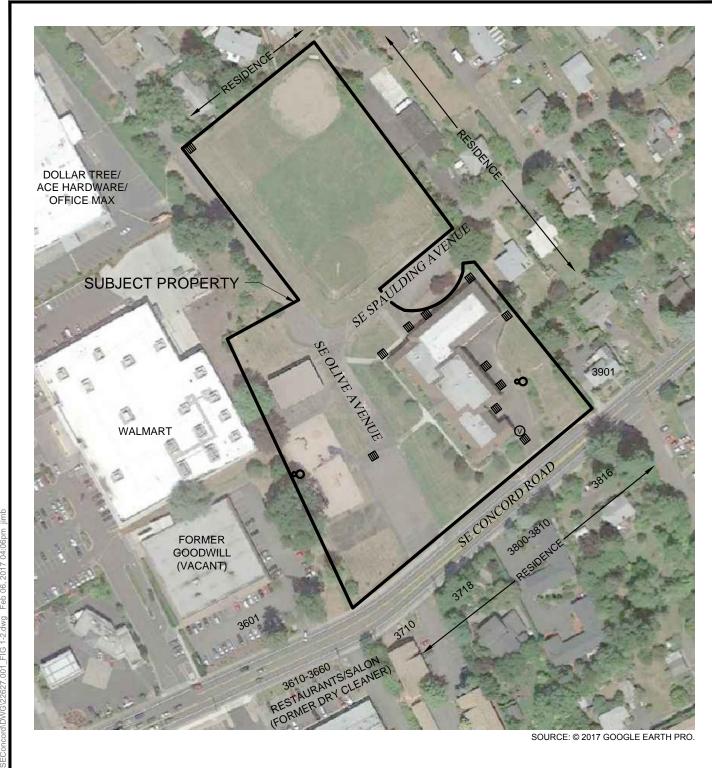
CROSS-REFERENCE FOR ASTM E1527-13 REQUIREMENTS

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

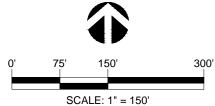
FIGURES



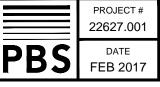


LEGEND

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



PREPARED FOR: NORTH CLACKAMAS PARKS AND RECREATION DISTRICT



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

		D	ispatch via E	-Mail
Purchase Order		Date	Revision	Page
NCPRD-00000004	:66	01/18/2	017	1
Payment Terms	Freight Te	rms		Ship Via
Due Now	FOB Dest	, Seller	bears Frt	Best Wat
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

Line-Sch	Item/Description	Mfg ID	Quantity UOM	PO Price	Extended Amt	Due Date
1- 1	113-5400-07715-4310003,400.00 PHASE I - ENVIRONMENTAL SITE ASSESSMENT OF THE PROPERTY AT 3 SE CONCORD ROAD, MILWAUKIE OR 97267	8811	EA	1.00	i	01/18/201
			Schedule Total			
			Item Total	- Contract	State Charles Committee Co	
			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 aganc lese

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. <u>Commercial General Liability</u>					
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. <u>Automobile Liability</u>					
□ 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. <u>Professional Liability</u>					
☐ 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					

- **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. <u>SUBCONTRACTS:</u>

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. <u>TERMINATION-AMENDMENT:</u>

- **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 tis 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,	North Clackamas Parks & Recreation District
Portland, OR 97239	
Authorized Signature	Gary Barth, Director
Heldi Yantz Panapal Name / Title (Printed) Hydrogradograf	Date
1 1 (0 1 T Date	
503 - 248 - 1939 Telephone Number / Fax Number	APPROVED AS TO FORM
*Oregon Business Registry #	n/a County Counsel
Corp Ovegov 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"



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

Milwaukle, 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 Ilability 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.

Scott Archer, North Clackamas Parks and Recreation District Proposal for Phase I Environmental Site Assessment,3811 SE Concord Road January 4, 2017 Page 2

- 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.byeslund@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.	ACCEPTED BY: North Clackamas Park	s and Recreation District	
Claudia Byes-Lund Project Scientist	Signature of Authorized Representative		
	Name (Please Print)		
	Title	Date	
Attachments Design Observables			

Attachments:

Project Checklist Client Questionnaire

Scope of Services and Limitation of Scope

Phase I ESA: Terms and Conditions for Professional Services (Rev.03/2015)



SCOPE OF SERVICES
AND
LIMITATIONS

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.
- 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), asbestoscontaining 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	CONTACT NAME:	Ross Erickson		
2701 NW Vaughn St, Ste. 340 Portland, OR 97210	PHONE (A/C, No, Ext):	5032193229	FAX (A/C, No):	
Portiana, OR 97210	E-MAIL ADDRESS:	rerickson@bbnw.com		
		INSURER(S) AFFORDING COVERA	GE	NAIC#
www.bbnw.com	INSURER A: Arc	ch Specialty Insurance Compar	ny	21199
INSURED DDC Engineering and Environmental Inc.	INSURER B: Oh	io Security Insurance Company	У	24082
PBS Engineering and Environmental Inc. PBS Environmental Building Consultants	INSURER C: SA	IF Corporation		
4412 SW Corbett Ave	INSURER D:			
Portland OR 97239	INSURER E :			
	INSURER F:			
COVER A CEC		DEVICION	IIIIMDED.	

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		ADDL SUBI		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	S
A	✓ COMMERCIAL GENERAL LIABILITY	✓	12 EMP 71954 05	10/1/2016	10/1/2017	EACH OCCURRENCE	\$ 1,000,000
	CLAIMS-MADE ✓ OCCUR					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 50,000
	✓ WA Stop Gap		Prof/Pollution Liability			MED EXP (Any one person)	\$ 5,000
	✓ Professional/Pollution		Deductible: \$10,000			PERSONAL & ADV INJURY	\$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					GENERAL AGGREGATE	\$ 2,000,000
	POLICY PRO- JECT LOC					PRODUCTS - COMP/OP AGG	\$ 2,000,000
	OTHER:						\$
В	AUTOMOBILE LIABILITY	1	BAS 57405756	10/1/2016	10/1/2017	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	ANY AUTO					BODILY INJURY (Per person)	\$
	OWNED SCHEDULED AUTOS					BODILY INJURY (Per accident)	\$
	HIRED NON-OWNED AUTOS ONLY					PROPERTY DAMAGE (Per accident)	\$
							\$
	UMBRELLA LIAB OCCUR					EACH OCCURRENCE	\$
	EXCESS LIAB CLAIMS-MADE					AGGREGATE	\$
	DED RETENTION \$						\$
С	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		446803 (Includes USLH)	10/1/2016	10/1/2017	✓ PER OTH- STATUTE ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE T/N	N/A				E.L. EACH ACCIDENT	\$ 1,000,000
	(Mandatory in NH)					E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below					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 Beavercreek 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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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

Mark D. Lyons

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 herby 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 I NSURANCE COMPANY

Policy Number: 12 EMP 71954 05

Named Insured: PBS Engineering and Environmental Inc.

Endorsement Effective Date: 10/1/2016

President

Mark D. Lyons

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 INSUREDS

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

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:

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 - DEFINTIONS 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.

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 - DEFINTIONS, 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.

COMMMON 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.

saifcorporation

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

Brenda JP Rocklin, President and Chief Executive Officer

430b

MARSHA WALKER, RG, CWRE

SENIOR GEOLOGIST

Education:

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

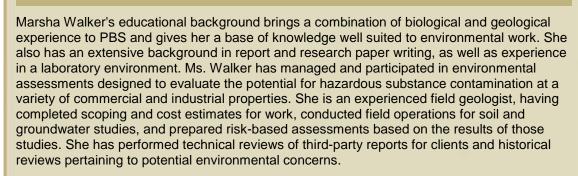
Accreditation:

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



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.





Marsha Walker, RG













CLAUDIA A. BYES-LUND

PROJECT SCIENTIST **ENVIRONMENTAL PROFESSIONAL (ASTM1527-13)**

Education:

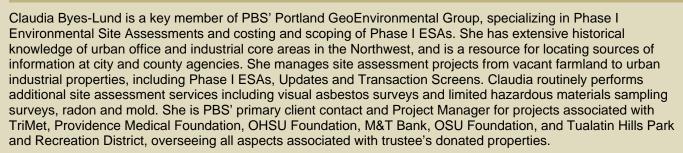
AHERA Asbestos Inspector (Current) Microsoft Word Level II/III

Continuing Education:

Environmental Science: Bio Perspectives

Oregon DEQ Hazardous Waste Basics/Managing Common Wastes

EDR Environmental Due Diligence course



Claudia 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 LinnWilsonville 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

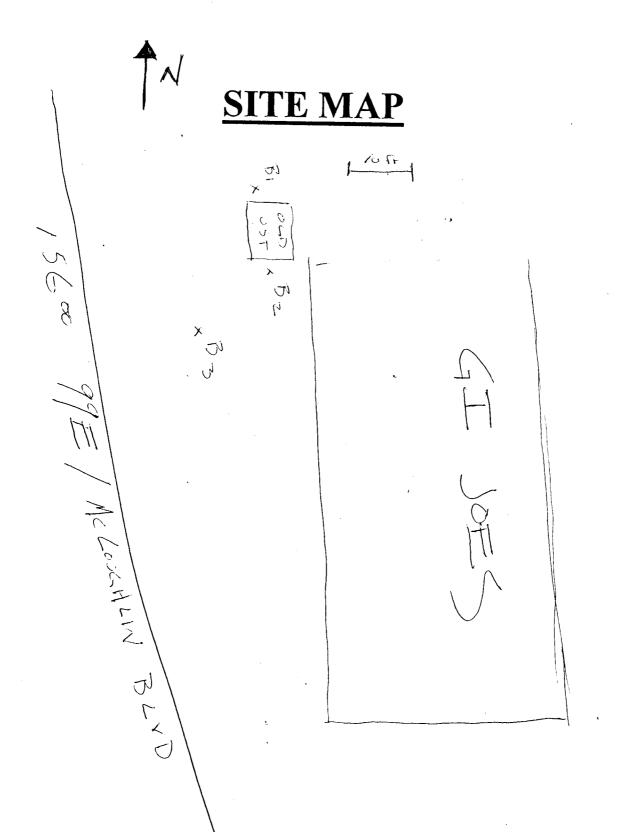
PROPERTY INFORMATION AND PHYSICAL SETTING RECORDS

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-/	(9) LOCATION OF HOLE by legal description:
Name Wishire Recel Estate Investments	Township Z No S Range Longitude E or W. WM.
Address (C3) Sw Columbia St	1 Township
City Portional State OR zip 97201	
(2) TYPE OF WORK	Tax LotLotBlockSubdivision Street Address of Well (or nearest address)
New Deepening Alteration (repair/recondition) Abandonment	15600 SE McLayhlin Bled
(3) CONSTRUCTION:	
Rotary Air Hand Auger Hollow Stem Auger	Map with location identified must be attached
Rotary Mud Cable Tool Push Probe Other	(10) STATIC WATER LEVEL:
(4) TYPE OF HOLE: **Iuncased Temporary	ft. below land surface.
Uncased Temporary	Artesian pressure lb. per square inch. Date
(5) USE OF HOLE:	(11) SUBSURFACE LOG:
Sal Sundes	Ground Elevation
<u> </u>	
	Material Description From To SWL
(6) BORE HOLE CONSTRUCTION:	Sills 0 8 16 12
Special Construction approval Yes No Depth of Completed Hole 16ft.	5. Hy Sinch 8 16 12
HOLE SEAL	
Diameter From To Material From To Sacks or pounds	
2 0 16 Bent 0 16 24 65	
	Date Started 8-7-00 Date Completed 8-7-00
Backfill placed from ft. to ft. Material Filter Pack placed from ft. to ft. Size of pack	(12) ABANDONMENT LOG: Material Description From To Sacks or Pounds
	Material Description
(7) CASING/SCREEN:	RECEIVED
Diameter From To Gauge Steel Plastic Welded Threaded	
Casing:	AUG 2 5 2000
	WATER RESOURCES DEPT.
	SALEM, OREGON
Screen:	
Slot size	Date started Date Completed
Slot size	
(8) WELL TEST: □ Pump □ Bailer □ Air □ Flowing Artesian Permeability Yield □ GPM	Professional Certification (to be signed by a licensed water supply or monitoring well constructor, or Oregon registered geologist or civil engineer).
Conductivity PH Temperature of water \$\frac{1}{2} \circ^{\circ}\$/C Depth artesian flow found ft.	I accept responsibility for the construction, alteration, or abandonment work
	during this time is in compliance with Oregon's geotechnical hole construction
Was water analysis done? Yes No	standards. This report is true to the best of my knowledge and belief.
By whom?	License or Registration Number 10494
Remarks:	Signed Date 8 240
	Affiliation GCO-Tech Explanation



RECEIVED

AUG 2 5 2000

WATER RESOURCES DEPT. SALEM, OREGON

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

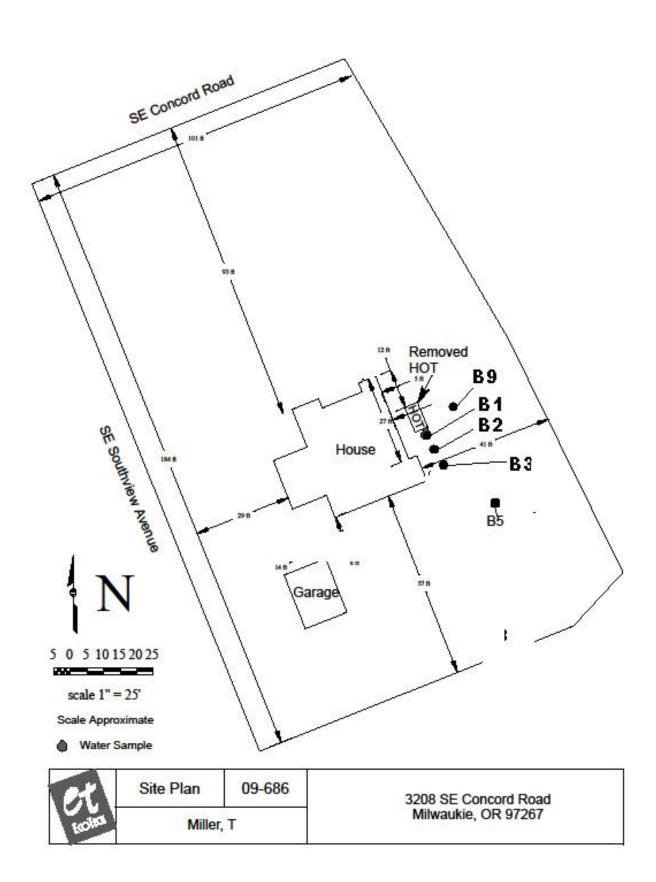
08-17-2010

(1) OWNER/PROJECT Hole Number B5		
PROJECT NAME/NBR: Miller	(9) LOCATION OF HOLE (legal description)	
First Name Ted Last Name Miller	County Clackamas Twp 2.00 S N/S Range 1.00 E	E/W WM
Company	Sec <u>12 NW</u> 1/4 of the <u>SE</u> 1/4 Tax Lot <u>0039</u> Tax Map Number 28 1E 12DB Lot	00
Address 3208 SE Concord Road City Milwaukie State OR Zip 97267	Tax Map Number 2S 1E 12DB Lot Lat "or	DMS or DD
	Long "or "or	DMS or DD
(2) TYPE OF WORK New Deepening Abandonment	Street address of hole Nearest address	
Alteration (repair/recondition)	3208 SE Concord Road, Milwaukie, OR 97267	
(3) CONSTRUCTION Rotary Air Hand Auger Hollow stem auger Rotary Mud Cable Push Probe	(10) STATIC WATER LEVEL Date SWL(psi) + Existing Well / Predeepening	SWL(ft)
Other	Completed Well	
(A) TYPE OF HOLE.	WATER BEARING ZONES Flowing Artesian?	
(4) TYPE OF HOLE:	Depth water was first found	13.00
Uncased Temporary Cased Permanent	SWL Date From To Est Flow SWL(psi)	+ SWL(ft)
Uncased Permanent Slope Stablity		
Other Other:		
Office.		
(5) USE OF HOLE	(11) SUBSURFACE LOG Ground Elevation	
	Material From	То
Environmental Investigation	Silt 0	20
Environmental investigation		
(6) BORE HOLE CONSTRUCTION Special Standard Attach copy		
Depth of Completed Hole 20.00 ft. BORE HOLE SEAL sacks/		
Dia From To Material From To Amt lbs		
	Date Started 09-30-2009 Completed 09-30-2009)
Backfill placed from 0 ft. to 20 ft. Material Bentonite chips Filter pack from ft. to ft. Material Size	(12) ABANDONMENT LOG: sacks/ Material From To Amt lbs	
(7) CASING/SCREEN	Bentonite Chips 0 20 25 P	
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)	Date Started <u>09-30-2009</u> Completed <u>09-30-2009</u>	
	Professional Certification (to be signed by an Oregon lic monitoring well constructor, Oregon registered geologist or profession	
Temperature °F Lab analysis Yes By	I accept responsibility for the construction, deepening, alteration, of work performed during the construction dates reported above. All v	work performed
Supervising Geologist/Engineer	during this time is in compliance with Oregon geotechnical ho standards. This report is true to the best of my knowledge and belie	le construction
Water quality concerns? Yes (describe below)		
From To Description Amount Units	License/Registration Number <u>G0324</u> Date Electronically Submitted	
	First Name Kent Last Name Mathiot	
	Affiliation FcoTech LLC	

GEOTECHNICAL HOLE REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

08-17-2010

Map of Hole



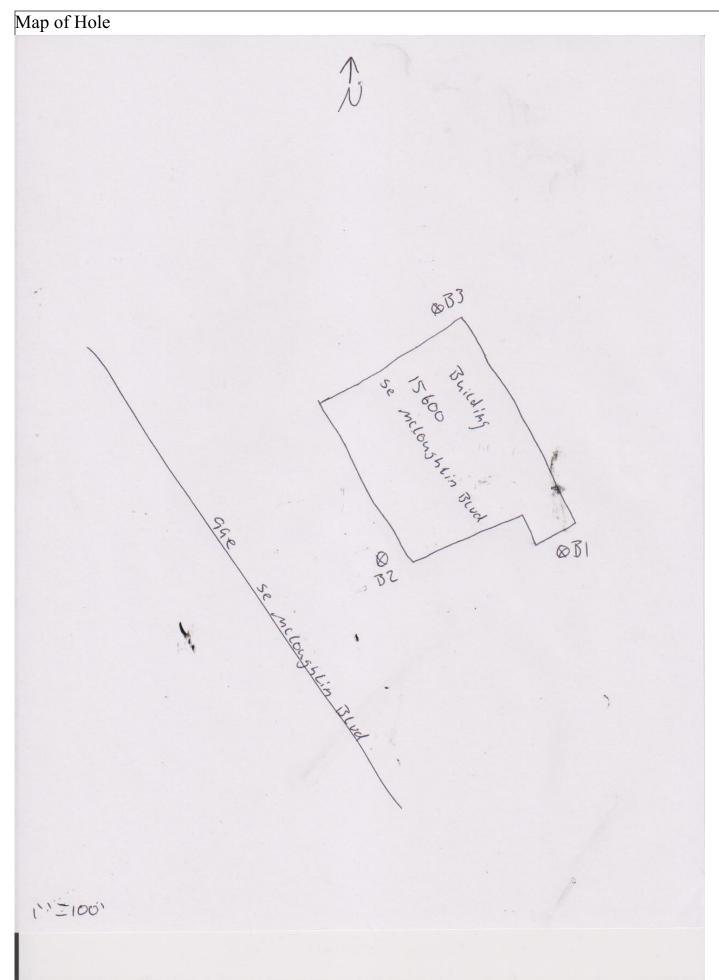
STATE OF OREGON GEOTECHNICAL HOLE REPORT (as required by OAR 690-240-0035)

06-28-2011

(1) OWNER/PROJECT Hole Number B-1	
PROJECT NAME/NBR: JAK 062211	(9) LOCATION OF HOLE (legal description)
First Name Last Name Company WINKLER DEVELOPMENT CORP. Address 210 SW MORRISON SUITE 600	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 Lot
City PORTLAND State OR Zip 97204	Lat ° ' " or DMS or DD Long ' " or DMS or DD
(2) TYPE OF WORK New Deepening Abandonment Alteration (repair/recondition)	Street address of hole Nearest address 15600 SE MCLOUGHLIN BLVD. MILWAUKIE, OREGON 97267
(3) CONSTRUCTION Rotary Air Hand Auger Hollow stem auger Rotary Mud Cable Push Probe	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Predeepening
Other	Completed Well WATER BEARING ZONES Flowing Artesian? Depth water was first found 10.00
 Uncased Temporary Uncased Permanent Other Other: 	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) USE OF HOLE	(11) SUBSURFACE LOG Ground Elevation
GEOTECHNICAL	Material From To GRAVEL 0 6 SILTY CLAY 6 20
Depth of Completed Hole	Date Started 06-22-2011 Completed 06-22-2011 (12) ABANDONMENT LOG: Sacks/ Material From To Amt lbs
(7) CASING/SCREEN	Bentonite 0 20 10 S
Casing Screen Dia + From To Gauge Stl Plstc Wld Thrd	
(8) WELL TESTS Pump Bailer Air Flowing Artesian	Date Started <u>06-22-2011</u> Completed <u>06-22-2011</u>
Yield gal/min Drawdown Drill stem/Pump depth Duration(hr) Temperature °F Lab analysisYes By Supervising Geologist/Engineer Water quality concerns? Yes (describe below)	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.
From To Description Amount Units	License/Registration Number 10594 Date Electronically Submitted First Name FRANKLIN Last Name LUNDIN Affiliation SUBSURFACE TECHNOLOGIES

include an approximate scale and north arrow

06-28-2011





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, Milwuakie, 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 Slopes91B - Woodburn Silt Loam, 3 To 8 Percent Slopes1B - 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)

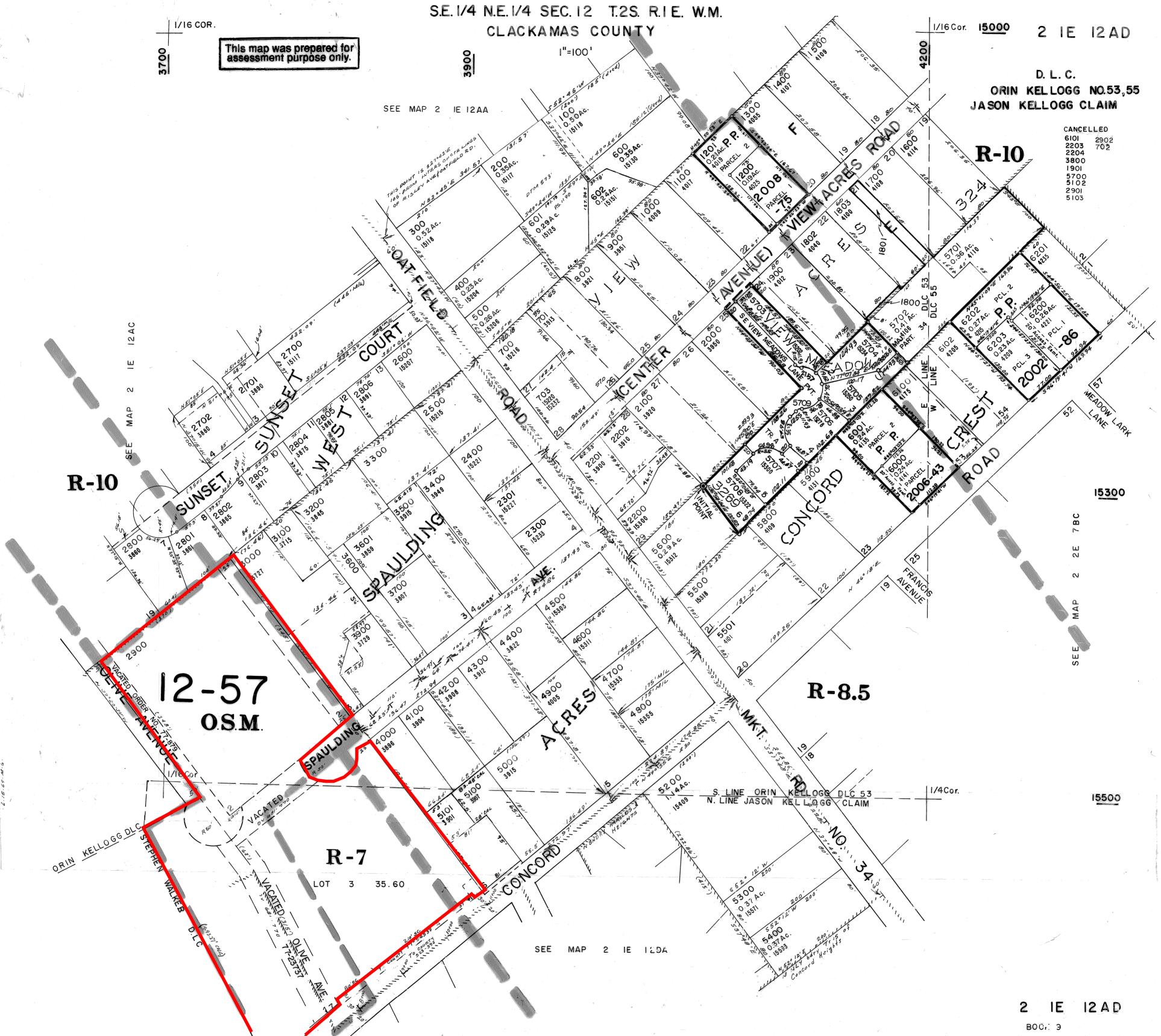
Assessor Documents

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

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APPENDIX C

REGULATORY DATABASES AND GOVERNMENT RECORDS

Regulatory Database Report



DATABASE REPORT

Project Property: SE Concord Rd Phase I ESA

3811 Se Concord Road

Milwaukie OR

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

Pro	perty	Inform	nation:

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			roperty	V	0.20			
Federal								
NPL	Υ	1	0	0	0	0	0	0
PROPOSED NPL	Υ	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	Υ	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	0	-	0
	Y	PO	0	-	-	-	-	0
CERCLIS LIENS	Y	1	0	0	0	0	0	0
RCRA CORRACTS	Y	.5	0	0	0	0	<u>-</u>	0
RCRA TSD	Υ					-		
RCRA LQG		.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	0	0	-	-	0
RCRA CESQG	Y	.25	0	1	2	-	-	3
RCRA NON GEN	Υ	.25	0	1	1	-	-	2
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Υ	.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	-	-	<u>-</u>	-	0
	Y	.5	0	0	0	0	-	0
FED BROWNFIELDS	Υ	.25	0	0	0	-	<u>-</u>	0
FEMA UST	,	.20	Ü	Ü	Ü			Ü
State								
CRL	Υ	1	0	0	0	1	1	2
ECSI	Y	1	0	0	2	1	6	9
DSHW	Υ	1	0	0	0	0	0	0
SWF/LF	Υ	.5	0	0	0	0	-	0
HIST SWF	Υ	.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	Υ	.5	0	0	0	0	-	0
VCP	Υ	.5	0	0	0	0	-	0
BROWNFIELDS	Y	.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Υ	.5	0	0	0	0	-	0
INDIAN UST	Υ	.25	0	0	0	-	-	0
DELISTED ILST	Υ	.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.

Order No: 20170116098

Additional Environmental Records

	FINDS/FRS	Υ	PO	0	-	-	-	-	0
	TRIS	Υ	PO	0	-	-	-	-	0
	HMIRS	Y	.125	0	0	-	-	-	0
	NCDL	Υ	PO	0	-	-	-	-	0
	ODI	Υ	.5	0	0	0	0	-	0
	IODI	Υ	.5	0	0	0	0	-	0
	TSCA	Υ	.125	0	0	-	-	-	0
	HIST TSCA	Y	.125	0	0	-	-	-	0
	FTTS ADMIN	Y	PO	0	-	-	-	-	0
	FTTS INSP	Υ	PO	0	-	-	-	-	0
	PRP	Y	PO	0	-	-	-	-	0
	SCRD DRYCLEANER	Υ	.5	0	0	0	0	-	0
	ICIS	Υ	PO	0	-	-	-	-	0
	FED DRYCLEANERS	Υ	.25	0	0	0	-	-	0
	DELISTED FED DRY	Υ	.25	0	0	0	-	-	0
	FUDS	Υ	1	0	0	0	0	0	0
	MLTS	Υ	PO	0	-	-	-	-	0
	HIST MLTS	Y	PO	0	-	-	-	-	0
	MINES	Υ	.25	0	0	0	-	-	0
	ALT FUELS	Y	.25	0	0	0	-	-	0
Sta	te								
	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	Υ	.125	0	2	-	-	-	2
SPILLS	Υ	.125	0	0	-	-	-	0
CDL	Υ	PO	0	-	-	-	-	0
DRYCLEANERS	Y	.25	0	0	1	-	-	1
Tribal	No Tri	bal additio	onal environ	mental red	ord source	s available	for this Stat	te.
County	No Co	unty addit	ional enviro	nmental re	ecord sourc	es available	e for this St	ate.
	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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>2</u>	RCRA NON GEN	JOHN KINSMAN COMPANY	3727 SE SPAULDING MILWAUKIE OR 97267	NE	0.07 / 361.10	18	<u>39</u>
<u>3</u>	LUST	HEATING OIL TANK	3908 SE Spaulding Ave MILWAUKIE OR 97267	NE	0.07 / 381.08	21	41
			Log NO Work Compl Dt: 03-09-03	386 07/29/2009			
<u>4</u>	LUST	HEATING OIL TANK	3901 SE CONCORD ROAD MILWAUKIE OR 97267	ESE	0.08 / 402.75	14	41
			Log NO Work Compl Dt: 03-98-03	866			
<u>5</u>	LUST	HEATING OIL TANK	3718 SE CONCORD RD. MILWAUKIE OR 97267	S	0.08 / 417.05	-16	41
			Log NO Work Compl Dt: 03-99-04	113 09/28/1999			
<u>6</u>	HAZMAT		15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	SSW	0.12 / 619.39	-40	41
<u>6</u>	HAZMAT		15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	SSW	0.12 / 619.39	-40	44
<u>6</u>	RCRA CESQG	WALMART NEIGHBORHOOD MARKET NO 3144	15600 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267-3857	SSW	0.12 / 619.39	-40	<u>45</u>
<u>6</u>	UST	GI JOE'S	15600 SE MCLOUGHLIN BLVD PORTLAND OR 97222 ID Facility Status: 6809	SSW	0.12 / 619.39	-40	48
<u>7</u> .	LUST	HEATING OIL TANK	15318 SE Olive Ave MILWAUKIE OR 97267	NW	0.13 / 674.34	-2	<u>48</u>
			Log NO Work Compl Dt: 03-13-07	773 03/24/2014			
<u>8</u>	DRYCLEANERS	Alpine Cleaners	3640 SE Concord Rd Milwaukie OR 97267	SSW	0.14 / 742.25	-46	<u>49</u>
9	LUST	HEATING OIL TANK	15233 SE OATFIELD RD MILWAUKIE OR 97267	NE	0.14 / 745.42	59	<u>49</u>
			Log NO Work Compl Dt: 03-99-01	44 05/19/1999			
<u>10</u>	LUST	HEATING OIL TANK	15333 SE OATFIELD RD MILWAUKIE OR 97267	ENE	0.14 / 761.30	59	<u>49</u>
			Log NO Work Compl Dt: 03-05-06	699 07/20/2005			

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>11</u>	LUST	HEATING OIL TANK	15308 SE Olive Ave MILWAUKIE OR 97267	NW	0.15 / 798.01	-2	<u>49</u>
			Log NO Work Compl Dt: 03-15-13	69 12/21/2015			
<u>12</u>	DTNK	OAK GROVE CHEVRON	15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	SW	0.15 / 804.58	-47	<u>50</u>
<u>12</u>	LUST	"CHEVRON U.S.A., INC 94637"	15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 Log NO Work Compl Dt: 03-93-01	SW 11 08/01/1994	0.15 / 804.58	-47	<u>50</u>
12	LUST	CHEVRON USA INC - 94637	15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 Log NO Work Compl Dt: 03-98-09	SW 59 11/26/2004	0.15 / 804.58	-47	<u>50</u>
<u>12</u>	RCRA CESQG	CHEVRON SS 94637	15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	SW	0.15 / 804.58	-47	<u>51</u>
12	UST	CHEVRON USA INC - 94637	15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 <i>ID Facility Status</i> : 1107	SW	0.15 / 804.58	-47	. <u>59</u>
<u>13</u>	LUST	HEATING OIL TANK	15418 SE OATFIELD ROAD MILWAUKIE OR 97267	E	0.16 / 848.81	59	<u>59</u>
			Log NO Work Compl Dt: 03-03-08	87 08/08/2003			
<u>14</u>	LUST	HEATING OIL TANK	15404 SE Oatfield Rd MILWAUKIE OR 97267	Е	0.16 / 854.66	59	<u>59</u>
			Log NO Work Compl Dt: 03-15-10	18 02/01/2016			
<u>15</u>	ECSI	A-1 Boat Detailing	15555 SE McLoughlin Blvd. Milwaukie OR 97267	W	0.16 / 862.50	-36	<u>59</u>
<u>16</u>	LUST	HEATING OIL TANK	3520 SE RISLEY AVE PORTLAND OR 97267	NNW	0.17 / 884.51	6	<u>61</u>
			Log NO Work Compl Dt: 03-02-02	88 04/02/2009			
<u>17</u>	LUST	HEATING OIL TANK	15206 SE Oatfield Rd MILWAUKIE OR 97267	NNE	0.17 / 890.31	53	<u>61</u>
			Log NO Work Compl Dt: 03-09-06	80 05/04/2010			
<u>18</u>	LUST	GOODYEAR AUTO SERVICE CENTER #8434	15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 Log NO Work Compl Dt: 03-96-03	SSW 97 06/06/2000	0.17 / 914.60	-50	<u>61</u>
<u>18</u>	RCRA CESQG	GOODYEAR AUTO SERVICE CENTER	15815 SE MCLOUGHLIN MILWAUKIE OR 97222	SSW	0.17 / 914.60	-50	<u>61</u>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>18</u>	UST	GOODYEAR AUTO SERVICE CENTER #8434	15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 ID Facility Status: 8754	SSW	0.17 / 914.60	-50	<u>66</u>
<u>19</u>	RCRA NON GEN	PEP BOYS NO 579	15550 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	W	0.18 / 927.12	-30	<u>66</u>
<u>20</u>	LUST	HEATING OIL TANK	3604 SE RISLEY AVE MILWAUKIE OR 97216 Log NO Work Compl Dt: 26-04-23	NNW 95 03/15/2005	0.18 / 928.64	13	<u>68</u>
				·			
<u>21</u>	LUST	HEATING OIL TANK	3615 SE RISLEY AVE MILWAUKIE OR 97267	NNW	0.19 / 986.43	21	<u>68</u>
			Log NO Work Compl Dt: 03-05-03	79 06/08/2005			
<u>22</u>	LUST	HEATING OIL TANK	4109 SE CONCORD MILWAUKIE OR 97267	ENE	0.20 / 1,052.22	74	<u>68</u>
			Log NO Work Compl Dt: 03-04-14	44 03/15/2005			
<u>23</u>	ECSI	Milwaukie Trolley Trail Project	Various streets in Milwaukie Milwaukie OR	SE	0.20 / 1,062.38	-12	<u>68</u>
<u>24</u>	LUST	HEATING OIL TANK	15106 SE OATFIELD RD MILWAUKIE OR 97267	N	0.20 / 1,081.46	50	<u>70</u>
			Log NO Work Compl Dt: 03-01-82	86 12/26/2002			
<u>25</u>	LUST	HEATING OIL TANK	15119 SE KRONBERG AVE PORTLAND OR 97267	NNW	0.21 / 1,089.86	10	<u>70</u>
			Log NO Work Compl Dt: 26-01-67	45 01/31/2002			
<u>26</u>	AST	DICKS COLOR CENTER	15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267 Facility ID: 009086	WNW	0.22 / 1,166.43	-26	<u>70</u>
<u>26</u>	LUST	FIRESTONE STORE 3558/021954	15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 Log NO Work Compl Dt: 03-90-02	WNW 54 09/24/1990	0.22 / 1,166.43	-26	<u>73</u>
<u>26</u>	UST	FIRESTONE #3556 - 021954	15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 ID Facility Status: 7839	WNW	0.22 / 1,166.43	-26	<u>73</u>
<u>27</u>	LUST	PRACTICAL RENT-A-CAR	16001 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 Log NO Work Compl Dt: 03-90-01	S 49 11/23/1990	0.23 / 1,231.32	-61	<u>73</u>
<u>27</u>	UST	PRACTICAL USED CAR RENTAL	16001 SE MCLOUGHLIN MILWAUKIE OR 97267	S	0.23 / 1,231.32	-61	<u>73</u>
			ID Facility Status: 10342				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>28</u>	LUST	HEATING OIL TANK	15720 SE ORVILLE AVE MILWAUKIE OR 97267	WSW	0.23 / 1,237.38	-51	<u>74</u>
			Log NO Work Compl Dt: 03-02-5	5445			
<u>29</u>	LUST	HEATING OIL TANK	15130 SE Diamond Ln MILWAUKIE OR 97267	NNE	0.24 / 1,242.26	68	74
			Log NO Work Compl Dt: 03-15-0)350			
30	LUST	HEATING OIL TANK	4141 SE Concord Rd PORTLAND OR 97267	ENE	0.24 / 1,266.73	84	<u>74</u>
			Log NO Work Compl Dt: 26-07-0				
<u>31</u>	LUST	HEATING OIL TANK	15433 SE FRANCIS AVE MILWAUKIE OR 97267	Е	0.25 / 1,335.39	77	74
			Log NO Work Compl Dt: 03-04-1	1176 10/14/2004	1		
<u>32</u>	LUST	HEATING OIL TANK	4025 SE VIEW ACRES RD MILWAUKIE OR 97267	NE	0.26 / 1,379.74	87	74
			Log NO Work Compl Dt: 03-06-0	0580 09/05/2006	3		
33	LUST	HEATING OIL TANK	15650 SE Oatfield Rd MILWAUKIE OR 97267	ESE	0.27 / 1,408.28	60	<u>74</u>
			Log NO Work Compl Dt: 03-12-0	0314 01/23/2013	3		
<u>34</u>	LUST	HEATING OIL TANK	4205 SE Concord Rd MILWAUKIE OR 97267	ENE	0.27 / 1,433.38	93	<u>75</u>
			Log NO Work Compl Dt: 03-08-0	0535 06/24/2008	3		
<u>35</u>	LUST	HEATING OIL TANK	15014 SE KRONBERG MILWAUKIE OR 97222	NNW	0.27 / 1,446.06	11	<u>75</u>
			Log NO Work Compl Dt: 03-01-5	5550 10/31/200 ²	I		
<u>36</u>	LUST	HEATING OIL TANK	15923 SE HAROLD AVE PORTLAND OR 97267	SE	0.28 / 1,465.89	-15	<u>75</u>
			Log NO Work Compl Dt: 03-07-0	710 10/29/2007	7		
<u>37</u>	LUST	HEATING OIL TANK	3306 SE CONCORD ROAD MILWAUKIE OR 97267	SW	0.28 / 1,487.17	-68	<u>75</u>
			Log NO Work Compl Dt: 03-03-1	1440 09/22/2003	3		
38	LUST	HEATING OIL TANK	3908 SE Risley Ave MILWAUKIE OR 97267	NNE	0.29 / 1,526.52	71	<u>75</u>
			Log NO Work Compl Dt: 03-13-1	1083 01/29/2014	1		
<u>39</u>	LUST	HEATING OIL TANK	15506 SE FRANCIS AVENUE MILWAUKIE OR 97256	Е	0.29 / 1,535.05	77	<u>75</u>
			Log NO Work Compl Dt: 03-03-2	2286			
<u>40</u>	LUST	HEATING OIL TANK	3314 SE CONCORD ST MILWAUKIE OR 97267	SW	0.30 / 1,583.08	-72	<u>75</u>
			Log NO Work Compl Dt: 03-05-2	2350 05/16/2006	5		
<u>41</u>	LUST	HEATING OIL TANK	15523 SE FRANCIS AVE MILWAUKIE OR 97267	Е	0.30 / 1,597.91	79	<u>76</u>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Log NO Work Compl Dt: 03-06-1	847 12/11/2006			
<u>42</u>	LUST	HEATING OIL TANK	15520 SE FRANCIS MILWAUKIE OR 97267	Е	0.31 / 1,612.85	80	<u>76</u>
			Log NO Work Compl Dt: 03-05-0	357 09/29/2005			
<u>43</u>	LUST	HEATING OIL TANK	16011 SE HAROLD MILWAUKIE OR 97267	SE	0.31 / 1,614.61	-19	<u>76</u>
			Log NO Work Compl Dt: 03-97-0	509 02/19/1998			
44	LUST	HEATING OIL TANK	4221 SE CONCORD RD MILWAUKIE OR 97267	ENE	0.31 / 1,615.75	106	<u>76</u>
			Log NO Work Compl Dt: 03-05-0	748 07/11/2005			
<u>45</u>	LUST	HEATING OIL TANK	14821 SE OATFIELD RD MILWAUKIE OR 97267	N	0.31 / 1,617.89	30	<u>76</u>
			Log NO Work Compl Dt: 03-01-6	152 08/07/2001			
<u>46</u>	LUST	HEATING OIL TANK	15714 SE OATFIELD RD MILWAUKIE OR 97267	ESE	0.31 / 1,618.11	62	<u>76</u>
			Log NO Work Compl Dt: 03-00-6	363 01/23/2001			
<u>47</u>	CRL	Valet Cleaners	15020 SE McLoughlin Blvd. Oak Grove OR 97267	WNW	0.31 / 1,643.94	-18	<u>76</u>
			Site ID Status: 1156 SITE INVES	STIGATION			
<u>47</u>	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
			Log NO Work Compl Dt: 03-16-1:	287			
49	LUST	HEATING OIL TANK	15226 SE Meadowlark Ln MILWAUKIE OR 97267	ENE	0.32 / 1,688.00	101	<u>112</u>
			Log NO Work Compl Dt: 03-11-0	386 08/08/2011			
<u>50</u>	LUST	HEATING OIL TANK	14912 SE Kronberg Ave MILWAUKIE OR 97267	NW	0.32 / 1,697.80	1	112
			Log NO Work Compl Dt: 03-04-2	289 01/29/2014			
<u>51</u>	LUST	HEATING OIL TANK	15301 SE Meadowlark Ln PORTLAND OR 97267	ENE	0.33 / 1,720.35	99	112
			Log NO Work Compl Dt: 03-11-0	562 09/02/2011			
<u>52</u>	LUST	HEATING OIL TANK	3208 SE Concord Rd MILWAUKIE OR 97267	SW	0.33 / 1,730.41	-79	<u>112</u>
			Log NO Work Compl Dt: 03-09-0	585 01/19/2010			
<u>53</u>	LUST	HEATING OIL TANK	3945 SE Oatfield Ct PORTLAND OR 97267	N	0.33 / 1,733.26	60	112
			Log NO Work Compl Dt: 03-06-1	904 01/16/2007			

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
<u>54</u>	LUST	HEATING OIL TANK	4457 SE ROBIN RD OAK GROVE OR 97222	E	0.33 / 1,738.16	87	<u>112</u>	
			Log NO Work Compl Dt: 03-94-52	274				
<u>55</u>	LUST	HEATING OIL TANK	15600 SE Francis Ave MILWAUKIE OR 97267	E	0.33 / 1,765.76	85	<u>113</u>	
			Log NO Work Compl Dt: 26-14-11	74 02/04/2015				
<u>56</u>	LUST	HEATING OIL TANK	15311 SE Meadowlark LN MILWAUKIE OR 97267	ENE	0.34 / 1,773.62	93	<u>113</u>	
			Log NO Work Compl Dt: 03-11-06	32 07/31/2013				
<u>57</u>	LUST	HEATING OIL TANK	3203 SE Concord Rd MILWAUKIE OR 97267	SW	0.34 / 1,779.64	-83	<u>113</u>	
			Log NO Work Compl Dt: 03-07-05	606 05/21/2014				
<u>58</u>	LUST	RALLY AUTO MART SITE	15025 SE MCLOUGHLIN BLVD	NW	0.34 / 1,802.48	-17	<u>113</u>	
			OAK GROVE OR 97267 Log NO Work Compl Dt: 03-90-03	41 01/03/1991				
<u>59</u>	LUST	HEATING OIL TANK	4108 SE RISLEY AVE MILWAUKIE OR 97267	NNE	0.34 / 1,805.33	95	<u>113</u>	
			Log NO Work Compl Dt: 03-00-60	94 08/21/2001				
<u>60</u>	LUST	HEATING OIL TANK	15113 SE CONCORD COURT MILWAUKIE OR 97267	NE	0.35 / 1,849.42	133	<u>113</u>	
			Log NO Work Compl Dt: 03-96-02	36 06/26/1996				
<u>61</u>	LUST	HEATING OIL TANK	15110 SE CONCORD CT MILWAUKIE OR 97267	NE	0.35 / 1,854.75	141	<u>113</u>	
			Log NO Work Compl Dt: 03-02-58	322 10/21/2002				
<u>62</u>	LUST	HEATING OIL TANK	15405 SE MEADOWLARK LN MILWAUKIE OR 97267	E	0.35 / 1,860.91	91	<u>114</u>	
			Log NO Work Compl Dt: 03-99-02	266 02/03/2000				
<u>63</u>	LUST	HEATING OIL TANK	15122 SE LABONITA WAY MILWAUKIE OR 97267	ENE	0.36 / 1,880.19	129	<u>114</u>	
			Log NO Work Compl Dt: 03-96-07	750 01/13/2006				
<u>64</u>	LUST	HEATING OIL TANK	3775 SE McCartney Ln MILWAUKIE OR 97267	NNW	0.36 / 1,892.40	21	114	
			Log NO Work Compl Dt: 03-06-19	29 02/07/2007				
<u>65</u>	LUST	HEATING OIL TANK	4112 SE RISLEY MILWAUKIE OR 97267	NNE	0.36 / 1,911.77	102	114	
			Log NO Work Compl Dt: 03-99-03	96				
<u>66</u>	LUST	HEATING OIL TANK	15620 SE Francis Ave MILWAUKIE OR 97267	E	0.36 / 1,924.16	86	<u>114</u>	
			Log NO Work Compl Dt: 03-16-10	26				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>67</u>	LUST	HEATING OIL TANK	15412 SE MEADOWLARK LANE MILWAUKIE OR 97267 Log NO Work Compl Dt: 03-00-5	E 000 03/09/2001	0.37 / 1,936.03	93	<u>114</u>
<u>68</u>	LUST	HEATING OIL TANK	16110 SE HAROLD MILWAUKIE OR 97267	SE	0.37 / 1,940.88	-35	114
			Log NO Work Compl Dt: 03-97-0	276			
<u>69</u>	LUST	HEATING OIL TANK	14817 SE RAINTREE CT MILWAUKIE OR 97267	NNE	0.37 / 1,943.80	69	<u>115</u>
			Log NO Work Compl Dt: 03-04-0	013			
<u>70</u>	LUST	HEATING OIL TANK	15418 SE MEADOW LARK LANE MILWAUKIE OR 97267 Log NO Work Compl Dt: 26-04-0	E 313 04/04/2006	0.38 / 2,000.55	96	<u>115</u>
<u>71</u>	LUST	HEATING OIL TANK	16106 SE Southview Ave MILWAUKIE OR 97267	SW	0.38 / 2,007.34	-102	<u>115</u>
			Log NO Work Compl Dt: 03-13-0	474			
<u>72</u>	LUST	HEATING OIL TANK	14729 SE Oatfield Rd MILWAUKIE OR 97222	NNW	0.38 / 2,009.21	25	<u>115</u>
			Log NO Work Compl Dt: 03-07-1	881 02/20/2008			
<u>73</u>	LUST	HEATING OIL TANK	3310 SE Westview Ave MILWAUKIE OR 97267	SSW	0.38 / 2,023.53	-103	<u>115</u>
			Log NO Work Compl Dt: 03-01-6	360 05/06/2014			
<u>74</u>	LUST	HEATING OIL TANK	3100 SE BIRCH MILWAUKIE OR 97267	NW	0.38 / 2,026.47	-6	<u>115</u>
			Log NO Work Compl Dt: 03-01-6	011			
<u>75</u>	LUST	HEATING OIL TANK	3120 SE BIRCH AVE PORTLAND OR 97267	NW	0.39 / 2,037.46	-2	<u>115</u>
			Log NO Work Compl Dt: 03-02-0	305 10/14/2002			
<u>76</u>	LUST	HEATING OIL TANK	3140 SE BIRCH AVE MILWAUKIE OR 97267	NNW	0.39 / 2,050.64	4	<u>116</u>
			Log NO Work Compl Dt: 03-02-0	895			
<u>77</u>	LUST	HEATING OIL TANK	4434 SE CONCORD RD PORTLAND OR 97267	ENE	0.39 / 2,060.75	139	<u>116</u>
			Log NO Work Compl Dt: 26-01-5	364 08/27/2001			
<u>78</u>	LUST	HEATING OIL TANK	15314 SE EAST ST MILWAUKIE OR 97267	WNW	0.39 / 2,073.90	-42	<u>116</u>
			Log NO Work Compl Dt: 03-02-0	307 07/21/2004			
<u>79</u>	LUST	HEATING OIL TANK	2920 SE Risley Avenue MILWAUKIE OR 97267	WSW	0.39 / 2,084.66	-76	<u>116</u>
			Log NO Work Compl Dt: 03-07-0	680 06/21/2007			

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	ESE	0.40 / 2,087.41	86	<u>116</u>
			Log NO Work Compl Dt: 03-03-	1132 07/30/2003			
<u>81</u>	LUST	HEATING OIL TANK	14723 SE OATFIELD ROAD MILWAUKIE OR 97267	NNW	0.40 / 2,100.45	21	<u>116</u>
			Log NO Work Compl Dt: 03-00-	0527 12/12/2000			
<u>82</u>	LUST	HEATING OIL TANK	3111 SE CONCORD RD MILWAUKIE OR 97267	SW	0.41 / 2,142.10	-102	116
			Log NO Work Compl Dt: 03-03-	0151 04/23/2003			
<u>83</u>	LUST	HEATING OIL TANK	15858 SE WATSON PL MILWAUKIE OR 97267	WSW	0.41 / 2,158.16	-87	<u>117</u>
			Log NO Work Compl Dt: 03-02-	1577 03/10/2003			
<u>84</u>	LUST	HEATING OIL TANK	4061 SE HAGER LN MILWAUKIE OR 97267	NNE	0.41 / 2,160.48	82	<u>117</u>
			Log NO Work Compl Dt: 03-00-	6201 01/22/2001			
<u>85</u>	LUST	HEATING OIL TANK	4218 SE Vineyard Rd MILWAUKIE OR 97267	SSE	0.41 / 2,173.58	-56	<u>117</u>
			Log NO Work Compl Dt: 03-13-	0533 10/22/2013			
<u>86</u>	LUST	HEATING OIL TANK	4228 SE Vineyard Rd PORTLAND OR 97269	SSE	0.41 / 2,183.93	-52	<u>117</u>
			Log NO Work Compl Dt: 03-11-	0820 09/19/2011			
<u>87</u>	LUST	HEATING OIL TANK	2909 SE SWAIN Milwaukie OR 97267	W	0.41 / 2,190.55	-56	117
			Log NO Work Compl Dt: 03-91-	0313 09/19/1991			
<u>88</u>	LUST	HEATING OIL TANK	15123 SE EAST AVE MILWAUKIE OR 97267	WNW	0.42 / 2,208.68	-32	<u>117</u>
			Log NO Work Compl Dt: 03-99-	1101 11/29/1999			
<u>89</u>	LUST	HEATING OIL TANK	15835 SE WATSON PL MILWAUKIE OR 97267	WSW	0.42 / 2,214.62	-87	<u>117</u>
			Log NO Work Compl Dt: 03-01-	6622			
90	LUST	HEATING OIL TANK	3419 SE Kingsley Rd MILWAUKIE OR 97267	SSW	0.42 / 2,215.89	-103	<u>118</u>
			Log NO Work Compl Dt: 03-16-	0591 07/26/2016			
<u>91</u>	LUST	HEATING OIL TANK	3082 SE Concord Rd MILWAUKIE OR 97267	SW	0.43 / 2,247.76	-107	<u>118</u>
			Log NO Work Compl Dt: 03-06-	2173 04/19/2007			
<u>92</u>	LUST	HEATING OIL TANK	14630 SE OAK CT MILWAUKIE OR 97267	NNW	0.43 / 2,264.89	-4	118
			Log NO Work Compl Dt: 03-94-	0151 11/28/1994			
<u>93</u>	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		
			Log NO Work Compl Dt: 03-07-068	37 02/12/2008					
94	LUST	HEATING OIL TANK	3411 SE KINGSLEY ROAD MILWAUKIE OR 97267	SSW	0.44 / 2,300.76	-113	<u>118</u>		
			Log NO Work Compl Dt: 03-03-220	01 02/23/2004					
<u>95</u>	LUST	HEATING OIL TANK	15158 SE La Crescenta MILWAUKIE OR 97267	ENE	0.44 / 2,323.65	128	<u>118</u>		
			Log NO Work Compl Dt: 03-16-128	36					
<u>96</u>	LUST	HEATING OIL TANK	3207 SE Westview Rd PORTLAND OR 97267	SW	0.44 / 2,335.72	-118	<u>118</u>		
			Log NO Work Compl Dt: 03-09-074	O Work Compl Dt: 03-09-0740 08/21/2009					
<u>97</u>	LUST	HEATING OIL TANK	2822 SE RISLEY AVENUE PORTLAND OR 97267	WSW	0.44 / 2,347.09	-88	<u>119</u>		
			Log NO Work Compl Dt: 03-04-006	69 05/19/2004					
<u>98</u>	LUST	HEATING OIL TANK	15615 SE Meadowlark Ln MILWAUKIE OR 97203	E	0.44 / 2,347.55	103	<u>119</u>		
			Log NO Work Compl Dt: 03-14-08-	49 02/04/2015					
<u>99</u>	LUST	HEATING OIL TANK	16212 SE HAROLD AVENUE OAK GROVE OR 97267	SE	0.45 / 2,390.40	-46	<u>119</u>		
			Log NO Work Compl Dt: 03-98-078	33 03/08/2000					
<u>100</u>	LUST	HEATING OIL TANK	14620 SW OATFIELD ROAD MILWAUKIE OR 97267	NNW	0.46 / 2,408.23	5	<u>119</u>		
			Log NO Work Compl Dt: 03-03-198	39					
<u>101</u>	LUST	HEATING OIL TANK	3611 SE Hager Ln MILWAUKIE OR 97267	N	0.46 / 2,414.82	15	<u>119</u>		
			Log NO Work Compl Dt: 03-07-093	30 08/22/2007					
102	LUST	HEATING OIL TANK	16420 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	S	0.46 / 2,424.74	-94	<u>119</u>		
			Log NO Work Compl Dt: 03-90-029	98 09/25/1990					
103	LUST	HEATING OIL TANK	15621 SE MEADOWLARK LANE MILWAUKIE OR 97267	Е	0.46 / 2,426.40	104	<u>119</u>		
			Log NO Work Compl Dt: 03-04-218	80 02/23/2005					
104	LUST	HEATING OIL TANK	15506 SE LABONITA WAY PORTLAND OR 97267	Е	0.46 / 2,429.06	110	<u>120</u>		
			Log NO Work Compl Dt: 03-05-159	99 07/27/2007					
105	LUST	HEATING OIL TANK	16010 SE OATFIELD RD MILWAUKIE OR 97267	ESE	0.46 / 2,437.09	70	<u>120</u>		
			Log NO Work Compl Dt: 03-06-129	91 11/22/2006					
<u>106</u>	LUST	"PARR LUMBER COMPANY, OAK GROVE"	3260 SE OAK GROVE BLVD MILWAUKIE OR 97222	NW	0.46 / 2,441.29	-8	<u>120</u>		

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Log NO / Work Compl Dt: 03-91-047	79 11/19/1996			
<u>107</u>	LUST	HEATING OIL TANK	3619 SE HAGER LN MILWAUKIE OR 97267	N	0.46 / 2,444.19	16	<u>120</u>
			Log NO Work Compl Dt: 03-05-057	77 02/27/2006			
<u>108</u>	LUST	HEATING OIL TANK	3623 SE Hager Ln MILWAUKIE OR 97267	N	0.47 / 2,464.35	19	<u>120</u>
			Log NO Work Compl Dt: 03-16-100	05			
109	LUST	HEATING OIL TANK	14608 SE OATFIELD ROAD MILWAUKIE OR 97267	NNW	0.47 / 2,490.24	3	<u>120</u>
			Log NO Work Compl Dt: 03-03-215	50 12/24/2003			
<u>110</u>	LUST	HEATING OIL TANK	15525 SE LABONITA WAY MILWAUKIE OR 97267	Е	0.47 / 2,492.88	111	<u>121</u>
			Log NO Work Compl Dt: 03-05-237	Dt: 03-05-2378			
<u>111</u>	LUST	HEATING OIL TANK	16225 SE Sun Ave MILWAUKIE OR 97267	SSE	0.48 / 2,530.48	-67	<u>121</u>
			Log NO Work Compl Dt: 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	<u>121</u>
			Log NO Work Compl Dt: 03-08-029	98 08/05/2008			
<u>113</u>	LUST	HEATING OIL TANK	2805 SE Risley Ave MILWAUKIE OR 97267	WSW	0.48 / 2,547.16	-99	<u>121</u>
			Log NO Work Compl Dt: 03-15-034	13 06/28/2016			
114	LUST	PANOCO INC/PANOCO SHELL #50	14811 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222 Log NO Work Compl Dt: 03-89-027	NW 73 02/06/2008	0.48 / 2,552.06	-13	<u>121</u>
115	LUST	HEATING OIL TANK	16023 SE Oatfield Rd	ESE	0.49 /	69	121
110			MILWAUKIE OR 97267		2,573.46		
			Log NO Work Compl Dt: 03-12-077	74 09/04/2012			
<u>116</u>	LUST	HEATING OIL TANK	16300 SE Sun Ave MILWAUKIE OR 97267	SSE	0.49 / 2,603.68	-66	<u>121</u>
			Log NO Work Compl Dt: 26-15-047	73 09/02/2015			
<u>117</u>	LUST	HEATING OIL TANK	4788 SE THIESSEN RD MILWAUKIE OR 97267	Е	0.49 / 2,606.60	114	122
			Log NO Work Compl Dt: 03-06-173	89 01/29/2008			
118	LUST	HEATING OIL TANK	4637 SE CONCORD MILWAUKIE OR 97267	ENE	0.50 / 2,638.54	162	122
			Log NO Work Compl Dt: 03-99-005	50			
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
<u>120</u>	ECSI	McNaef	McLoughlin Blvd. & Naef Rd. Oak Grove OR 97268	SSE	0.65 / 3,434.68	-112	<u>137</u>
<u>121</u>	CRL	Carlton Co.	3901 SE Naef Rd Oak Grove OR 97268	S	0.69 / 3,627.84	-133	<u>145</u>
			Site ID Status: 1035 REMEDIAL IN				
<u>121</u>	ECSI	Carlton Co.	3901 SE Naef Rd Oak Grove OR 97268	S	0.69 / 3,627.84	-133	<u>161</u>
122	ECSI	Riverside Jeep-Eagle	16803 SE McLoughlin Blvd. Milwaukie OR 97267	SSE	0.71 / 3,754.75	-117	<u>177</u>
123	ECSI	Cash's Drapery	13910 SE McLoughlin Blvd. Milwaukie OR 97267	NNW	0.88 / 4,665.12	-12	<u>199</u>
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.

Lower Elevation	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	Map Key
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.

Equal/Higher Elevation	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	<u>Map Key</u>
JOHN KINSMAN COMPANY	3727 SE SPAULDING MILWAUKIE OR 97267	NE	0.07 / 361.10	<u>2</u>
Lower Elevation	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	Map Key
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>	Distance (mi/ft)	Map Key
Valet Cleaners	15020 SE McLoughlin Blvd. Oak Grove OR 97267	WNW	0.31 / 1,643.94	<u>47</u>

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

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.

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

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.

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

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

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

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

Equal/Higher Elevation	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	Map Key	
HEATING OIL TANK	15158 SE La Crescenta MILWAUKIE OR 97267	ENE	0.44 / 2,323.65	<u>95</u>	
	Log NO Work Compl Dt: 03-16-1286				
HEATING OIL TANK	15615 SE Meadowlark Ln MILWAUKIE OR 97203	E	0.44 / 2,347.55	<u>98</u>	
	Log NO Work Compl Dt: 03-14-0849	02/04/2015			
HEATING OIL TANK	14620 SW OATFIELD ROAD MILWAUKIE OR 97267	NNW	0.46 / 2,408.23	<u>100</u>	
	Log NO Work Compl Dt: 03-03-1989	1			
HEATING OIL TANK	3611 SE Hager Ln MILWAUKIE OR 97267	N	0.46 / 2,414.82	<u>101</u>	
	Log NO Work Compl Dt: 03-07-0930	08/22/2007			
HEATING OIL TANK	15621 SE MEADOWLARK LANE MILWAUKIE OR 97267	Е	0.46 / 2,426.40	<u>103</u>	
	Log NO Work Compl Dt: 03-04-2180	02/23/2005			
HEATING OIL TANK	15506 SE LABONITA WAY PORTLAND OR 97267	E	0.46 / 2,429.06	<u>104</u>	
	Log NO Work Compl Dt: 03-05-1599	07/27/2007			
HEATING OIL TANK	16010 SE OATFIELD RD MILWAUKIE OR 97267	ESE	0.46 / 2,437.09	<u>105</u>	
	Log NO Work Compl Dt: 03-06-1291 11/22/2006				
HEATING OIL TANK	3619 SE HAGER LN MILWAUKIE OR 97267	N	0.46 / 2,444.19	<u>107</u>	
	Log NO Work Compl Dt: 03-05-0577 02/27/2006				
HEATING OIL TANK	3623 SE Hager Ln MILWAUKIE OR 97267	N	0.47 / 2,464.35	<u>108</u>	
	Log NO Work Compl Dt: 03-16-1005				
HEATING OIL TANK	14608 SE OATFIELD ROAD MILWAUKIE OR 97267	NNW	0.47 / 2,490.24	<u>109</u>	
	Log NO Work Compl Dt: 03-03-2150 12/24/2003				
HEATING OIL TANK	15525 SE LABONITA WAY MILWAUKIE OR 97267	E	0.47 / 2,492.88	<u>110</u>	
	Log NO Work Compl Dt: 03-05-2378	1			
HEATING OIL TANK	15123 SE La Marquita Way PORTLAND OR 97267	ENE	0.48 / 2,543.41	<u>112</u>	
	Log NO Work Compl Dt: 03-08-0298 08/05/2008				
HEATING OIL TANK	16023 SE Oatfield Rd MILWAUKIE OR 97267	ESE	0.49 / 2,573.46	115	
	Log NO Work Compl Dt: 03-12-0774 09/04/2012				

N	4788 SE THIESSEN RD MILWAUKIE OR 97267 Log NO Work Compl Dt : 03-06-1739 0 4637 SE CONCORD MILWAUKIE OR 97267	E 01/29/2008 ENE	0.49 / 2,606.60	<u>117</u>
	4637 SE CONCORD MILWAUKIE OR 97267			
HEATING OIL TANK 4	MILWAUKIE OR 97267	ENE		
		LINE	0.50 / 2,638.54	<u>118</u>
L	Log NO Work Compl Dt: 03-99-0050			
Lower Elevation A	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	Map Key
112/11110 012 1/1111	3718 SE CONCORD RD. MILWAUKIE OR 97267	S	0.08 / 417.05	<u>5</u>
L	Log NO Work Compl Dt: 03-99-0413 0	09/28/1999		
TIE/(TINO OIE T/WIN	15318 SE Olive Ave MILWAUKIE OR 97267	NW	0.13 / 674.34	<u>7</u>
L	Log NO Work Compl Dt: 03-13-0773 0	03/24/2014		
TIE/(TINO OIE T/WIN	15308 SE Olive Ave MILWAUKIE OR 97267	NW	0.15 / 798.01	<u>11</u>
L	Log NO Work Compl Dt: 03-15-1369	12/21/2015		
0.121.101.101.1,	15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	SW	0.15 / 804.58	<u>12</u>
L	Log NO Work Compl Dt: 03-93-0111 0	08/01/1994		
OTIE VINOIT CONTINC	15710 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	SW	0.15 / 804.58	<u>12</u>
L	Log NO Work Compl Dt: 03-98-0959	11/26/2004		
COOD I EXILTRICA CELEVICE	15815 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222	SSW	0.17 / 914.60	<u>18</u>
L	Log NO Work Compl Dt: 03-96-0397 0	06/06/2000		
	15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222	WNW	0.22 / 1,166.43	<u>26</u>
L	Log NO Work Compl Dt: 03-90-0254 0	09/24/1990		
	16001 SE MCLOUGHLIN BLVD MILWAUKIE OR 97222	S	0.23 / 1,231.32	<u>27</u>
L	Log NO Work Compl Dt: 03-90-0149	11/23/1990		
1127(11110 012 171111)	15720 SE ORVILLE AVE MILWAUKIE OR 97267	WSW	0.23 / 1,237.38	<u>28</u>
L	Log NO Work Compl Dt: 03-02-5445			
112/11110 012 1/1111	15923 SE HAROLD AVE PORTLAND OR 97267	SE	0.28 / 1,465.89	<u>36</u>
L	Log NO Work Compl Dt: 03-07-0710 :	10/29/2007		
	3306 SE CONCORD ROAD MILWAUKIE OR 97267	SW	0.28 / 1,487.17	<u>37</u>

Lower Elevation	<u>Address</u> <u>Direction</u>		Distance (mi/ft)	Map Key			
	Log NO Work Compl Dt: 03-03-1440 09/22/2003						
HEATING OIL TANK	3314 SE CONCORD ST MILWAUKIE OR 97267	SW	0.30 / 1,583.08	<u>40</u>			
	Log NO Work Compl Dt: 03-05-2350 05/16/2006						
HEATING OIL TANK	16011 SE HAROLD MILWAUKIE OR 97267	SE	0.31 / 1,614.61	<u>43</u>			
	Log NO Work Compl Dt: 03-97-0509	0 02/19/1998					
HEATING OIL TANK	3208 SE Concord Rd MILWAUKIE OR 97267	SW	0.33 / 1,730.41	<u>52</u>			
	Log NO Work Compl Dt: 03-09-0585	5 01/19/2010					
HEATING OIL TANK	3203 SE Concord Rd MILWAUKIE OR 97267	SW	0.34 / 1,779.64	<u>57</u>			
	Log NO Work Compl Dt: 03-07-0506	6 05/21/2014					
RALLY AUTO MART SITE	15025 SE MCLOUGHLIN BLVD OAK GROVE OR 97267	NW	0.34 / 1,802.48	<u>58</u>			
	Log NO Work Compl Dt: 03-90-0341	01/03/1991					
HEATING OIL TANK	16110 SE HAROLD MILWAUKIE OR 97267	SE	0.37 / 1,940.88	<u>68</u>			
	Log NO Work Compl Dt: 03-97-0276	31					
HEATING OIL TANK	16106 SE Southview Ave MILWAUKIE OR 97267	SW	0.38 / 2,007.34	<u>71</u>			
	Log NO Work Compl Dt: 03-13-0474	1					
HEATING OIL TANK	3310 SE Westview Ave MILWAUKIE OR 97267	SSW	0.38 / 2,023.53	<u>73</u>			
	Log NO Work Compl Dt: 03-01-6360) 05/06/2014					
HEATING OIL TANK	3100 SE BIRCH MILWAUKIE OR 97267	NW	0.38 / 2,026.47	<u>74</u>			
	Log NO Work Compl Dt: 03-01-6011	1					
HEATING OIL TANK	3120 SE BIRCH AVE PORTLAND OR 97267	NW	0.39 / 2,037.46	<u>75</u>			
	Log NO Work Compl Dt: 03-02-0305	5 10/14/2002					
HEATING OIL TANK	15314 SE EAST ST MILWAUKIE OR 97267	WNW	0.39 / 2,073.90	<u>78</u>			
	Log NO Work Compl Dt: 03-02-0307	7 07/21/2004					
HEATING OIL TANK	2920 SE Risley Avenue MILWAUKIE OR 97267	WSW	0.39 / 2,084.66	<u>79</u>			
	Log NO Work Compl Dt: 03-07-0680) 06/21/2007					
HEATING OIL TANK	3111 SE CONCORD RD MILWAUKIE OR 97267	SW	0.41 / 2,142.10	<u>82</u>			

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

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

<u>UST</u> - **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.

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

Lower Elevation	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	<u>Map Key</u>
PRACTICAL USED CAR RENTAL	16001 SE MCLOUGHLIN MILWAUKIE OR 97267	S	0.23 / 1,231.32	<u>27</u>

ID | Facility Status: 10342 |

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.

Equal/Higher Elevation	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	Map Key
NORTH CLACKAMAS SCHOOL DIST 12	3811 SE CONCORD RD MILWAUKIE OR 97267	-	0.00 / 0.00	1
	Facility ID: 059845			
Lower Elevation	<u>Address</u>	<u>Direction</u>	Distance (mi/ft)	<u>Map Key</u>
DICKS COLOR CENTER	15340 SE MCLOUGHLIN BLVD MILWAUKIE OR 97267	WNW	0.22 / 1,166.43	<u>26</u>
	Facility ID: 009086			

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.

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

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.

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

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

Alpine Cleaners

<u>Address</u>

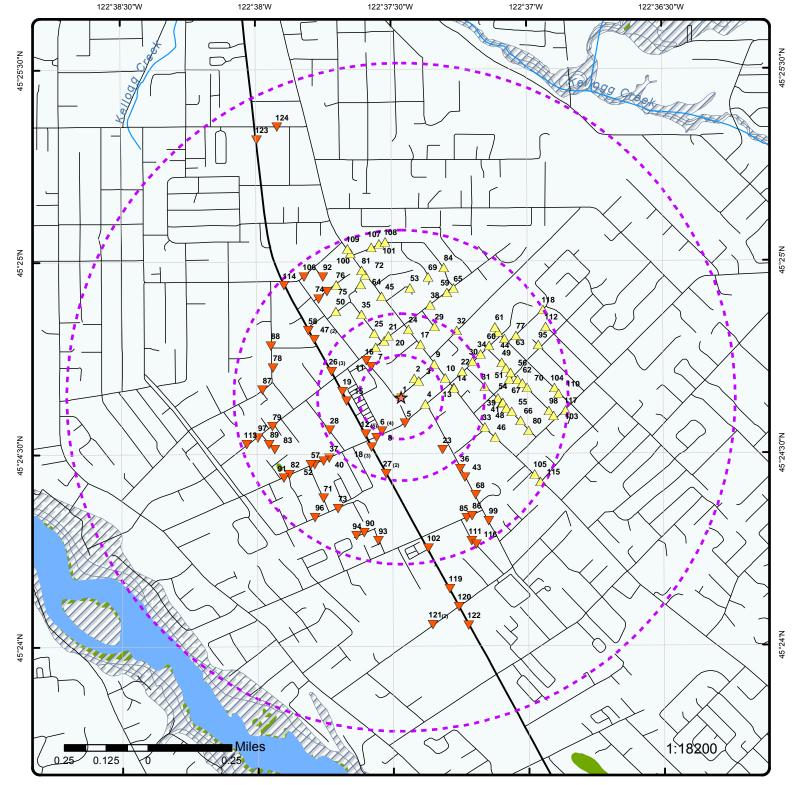
3640 SE Concord Rd Milwaukie OR 97267 **Direction**

SSW

Distance (mi/ft)

0.14 / 742.25

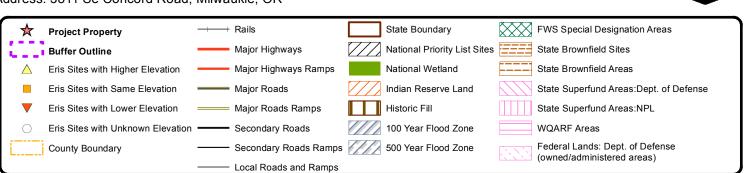
Map Key



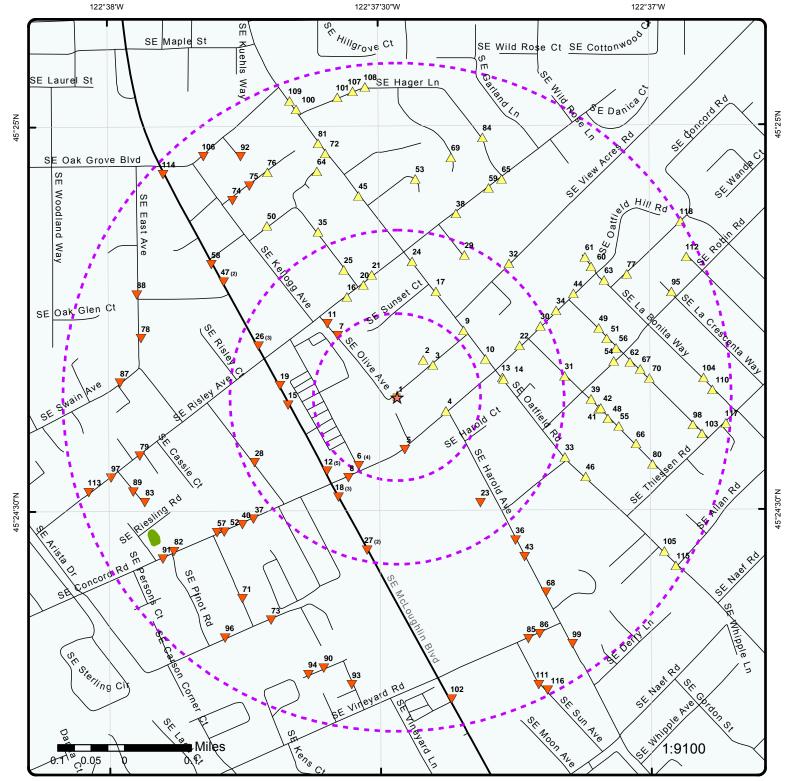
Map: 1 Mile Radius

Order No: 20170116098

Address: 3811 Se Concord Road, Milwaukie, OR



Source: © 2016 ESRI © ERIS Information Inc.



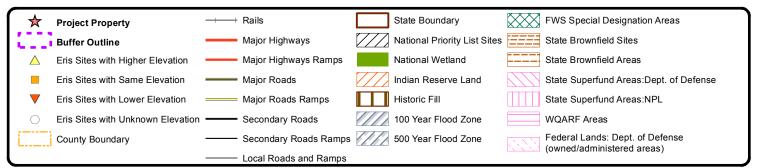
Map: 0.5 Mile Radius

Order No: 20170116098

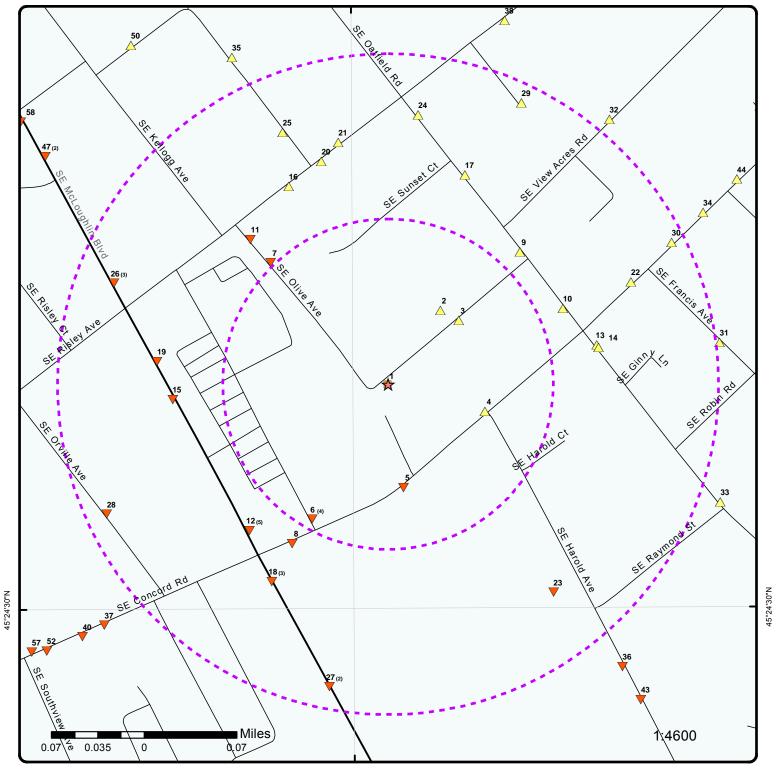
Address: 3811 Se Concord Road, Milwaukie, OR









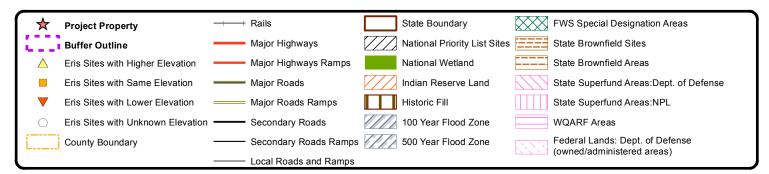


Map: 0.25 Mile Radius

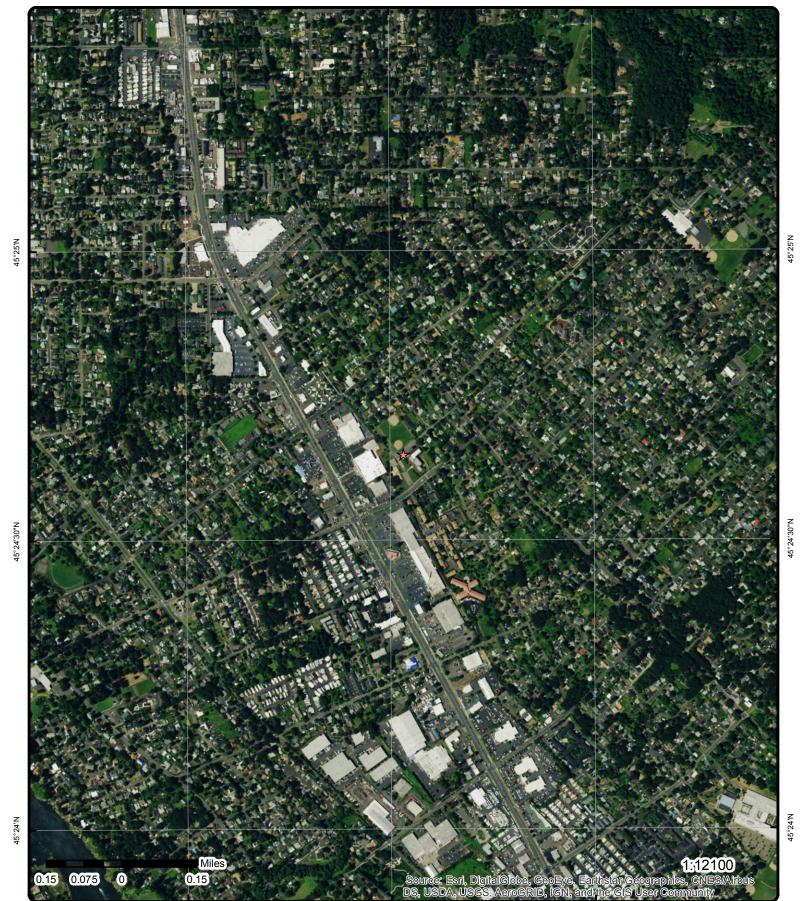
Order No: 20170116098

Address: 3811 Se Concord Road, Milwaukie, OR





Source: © 2016 ESRI © ERIS Information Inc.



Aerial

Address: 3811 Se Concord Road, Milwaukie, OR

Source: ESRI World Imagery



Topographic Map

Address: 3811 Se Concord Road, Milwaukie, OR

Source: USGS Topographic Map





Detail Report

Мар Кеу	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 Che	emicals:	Υ				
EHS Facility:		N				
Sprinkled:		N				
CAA 112R Fac	cility:	NO				
PSM Facility:		NO				
TRI Facility: TRI FID:		N				
RCRA ID:						
RMP Facility I	ıD·					
EHS Coord Fi						
EHS Coord La						
EHS Coord E	mail:					
Location addr	ress:	3811 SE CONC	CORD RD			
Date Complet		2/16/2016				
Owner First N		MATT				
Owner Last N		UTTERBACK	NCLACK.K12.OI	2116		
Owner Operate Phone Busine		5033535400	INCLACK.K 12.01	1.05		
Mail Address:		12451 SE FULI	FR RD			
Mail City:		MILWAUKIE				
Mail State:		OR				
Mail Zip:		972221290				
Max Occupan	ts:	0				
Emerg Contac	ct First Name:	AMANDA				
Emerg Contac	ct Last Name:	WALL				
Phone Day:	-4-	5035503236				
Phone Day Ex Flag Status:	α:	6				
Rec Date:		3/2/2016				
FDID:		0057				
Fire Dept:			O FIRE DIST #1			
Dunbrad:						
Dept Div:		CONCORD EL	EMENTARY			
Emerg Proc:		MAIN OFFICE				
Placard:		N				
Site Plan:		Y	CCLIOOL			
Business Typ Mail Date:	e:	ELEMENTARY 2/1/2016	SCHOOL			
Short Memo:		2/1/2010				
Site No:						
Voluntary:						
Email Addres	s:	THORNTONE	NCLACK.K12.O	R.US		
Placard Other	:	N				
Attn Of:		ELIZABETH SE	EWARD			
Completing F		AMANDA				
Completing L		WALL				
Completing P. Completing P.		5033536073				
Latitude:	HOHE EXL	45.40987515				
Landude. Longitude:		-122.62441176				
Occupied:		FALSE				
		TRUE				

Мар Кеу	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						
Chem Count	•	1				
HM Team:		HM03				
Fac Date Sta	•					
Fac Name St	amp:					
De Date 1: De Date 2:						
Info Update:						
Comments:						
Deinit 1:		VS				
Facility Cher	nicals Information					
Facility Cher		059845-14378				
Chemical ID:		14378				
Chemical Na	me:	HEATING OIL				
Detailed Cha	micals Information					
	cais iiiiOiiiialiOII					
Haz Ingredie	nt:	PETROLEUM D	ISTILLATES			
UNNA Numb		1993				
CAS Number		68334305				
Synonym 1:		FUEL OIL NO. 2	2			
Synonym 2:		NO. 2 HEATING				
Synonym 3:		HOME HEATIN				
Synonym 4:		ASTM NO. 2 GI	RADE FUEL OIL			
Synonym 5:						
Synonym 6: Synonym 7:						
Synonym 8:						
NFPA Health	•	2				
NFPA Flamm		2				
NFPA Reacti	•	1				
NFPA Specia	INotice:					
Appearance	Odor:		V TO AMBER-CC	LORED LIQUII	D, KEROSENE ODOR	
Haz Class 1:		3.0	0 1 (11 1)			
Haz Class De	esc 1:	Flammable and	Combustible Liqu	uid		
Haz Class 2: Haz Class De	neo 2:					
Haz Class De	:36 2.					
Haz Class De	esc 3·					
Hazard Rank		2				
EHS Chem:						
Toxic 313 Ch	emical:					
PSM Chem:						
CAA 112R C	hem:					
Pesticide:						
EPA Pest Re						
Contains 112 Contains EH						
Contains 313						
Contains PS						
MSDS PDF:		002001.TXT				
MSDS Name.	;					
Chem Added	Date:	12/31/1999				
Fertilizer:						
MSDS Date:						
MSDS Proce	ssed:	1				
MSDS Vol: Plan Priority.		1 04				
Info Update I		U -1				
EHS Ingredie						
EHS CAS:						

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Hazardous II	ngredient:	PETROLEUM	DISTILLATES			
Phys State:		2				
Phys Desc:		LIQUID 10				
Avg Code: Avg Amt:		200-499				
Max Code:		200 433				
Max Amt:		1,000-4,999				
Unit Measure	e <i>:</i>	2				
Unit Desc:		GALLONS				
Storage 1:		В				
Storage Type	e 1:	UNDERGROU	ND TANK			
Storage 2:	• 2·					
Storage Type Pressure 1:	e Z.	1				
Pressure Ty	pe 1:	NORMAL PRE	SSURF			
Pressure 2:		NOTAL TRE	COUNT			
Pressure Ty	pe 2:					
Temp 1:		4				
Temp Type 1	l:	NORMAL TEM	PERATURE			
Temp 2:	_					
Temp Type 2		2.0				
Haz Class 1: Haz Class 1		3.0	d Combustible Liqu	iid		
Haz Class 1:		riaiiiiiabie and	Combustible Liqu	iiu		
Haz Class 2.						
Haz Class 3:						
Haz Class 3	Desc:					
Days On Site		365				
Trade Secre	t:	FALSE				
Subst Pure:		FALSE				
Subst Mix:	ıc.	TRUE FALSE				
Contains EH Meets TPQ:	3 .	FALSE				
Amt In:		10				
Amt In Desc.	:	200-499				
Amt Out:		10				
Amt Out Des	sc:	200-499				
CAA112r:		FALSE				
Rptg PSM:		FALSE				
Toxic 313 Cl PSM Chem:	iemicai:					
CAA112R C	nem·					
EPA Pest Re						
Contains 112						
Contains EH	'S:					
Contains 31:						
Contains PS	M:					
MSDS PDF:		002001.TXT				
MSDS Name Fertilizer:	:					
MSDS Vol:		1				
Plan Priority		04				
UNNA Numb		1993				
CAS Number		68334305				
Hazard Rank		2				
EHS Ingredie	ent:					
EHS CAS:						
<u>2</u>	1 of 1	NE	0.07/361.10	244.93	JOHN KINSMAN COMPANY 3727 SE SPAULDING MILWAUKIE OR 97267	RCRA NON GEN

County Name: County Code: EPA Handler ID: CLACKAMAS OR005

ORQ000019760

Current Site Name: JOHN KINSMAN COMPANY

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
	atus Universe:	Private				
Land Type: Activity Loca	ation:	OR				
TSD Activity		No				
Mixed Waste		No				
Importer Act		No				
Transporter	Activity:	No				
Transfer Fac	•	No				
Recycler Act	•	No				
	er Exemption:	No No				
Furnace Exe	mption: d Inject Activity:	No No				
-	From Off Site:	No				
Used Oil Tra		140				
	nsfer Facility:					
Used Oil Pro	cessor:					
Used Oil Ref						
Used Oil Bur						
Used Oil Mar						
Used Oil Spe Mailing Addr		PO BOX 67139,	DODTI AND OF	07269 119		
Contact Nam		KEITH KINSMAI	,	1, 97200, 03		
Contact Add		PO BOX 67139,		R. 97268. US		
Contact Ema	il:	•	•			
Location Stre	eet 2:					
Owner/Opera	ator Information					
Owner/Opera	ator Address: ator Phone: ator Type:	CO JOHN KINSMAN PO BOX 67139 503 654-1668 P 20021118		R US 97268-1139		
Date Ended	Current:					
Owner/Opera	ator Address: ator Phone: ator Type: e Current:	CO JOHN KINSMAN PO BOX 67139 503 654-1668 P 20020129		R US 97268-1139		
 Owner/Opera	ator Indicator:	CO				
Owner/Opera	ator Name:	JOHN KINSMAN				
	ator Address:		PORTLAND OF	R US 97268-1139		
Owner/Opera		503 654-1668				
Owner/Opera Date Became		P 20021119				
Date Ended		20021119				
NAICS Inform	mation					
 Naics Code:		 23599				
Naics Code.	ption:	ALL OTHER SP	ECIAL TRADE C	ONTRACTORS		
Naics Descri		No		2		
Naics Cycle:		2007				
Handler Info	rmation					

JOHN KINSMAN COMPANY

JOHN KINSMAN COMPANY

20020129

20021119

Date Received: Facility Name:

Date Received: Facility Name:

Map Key	Numbe Record		n Distance (mi/ft)	Elev (ft)	Site		D
Date Recei Facility Nai 		20021118 JOHN KINS 	SMAN COMPANY				
<u>3</u>	1 of 1	NE	0.07 / 381.08	248.14		OIL TANK paulding Ave E OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-09-0386 05/07/2009		Work Co Region:	ompl Dt:	07/29/2009 NWR	
4	1 of 1	ESE	0.08 / 402.75	240.59		DIL TANK DNCORD ROAD E OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-98-0366 05/18/1998		Work Co Region:	ompl Dt:	NWR	
<u>5</u>	1 of 1	s	0.08 / 417.05	211.14		DIL TANK DNCORD RD. E OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-99-0413 04/29/1999 04/28/1999		Work Co Region:	ompl Dt:	09/28/1999 NWR	
<u>6</u>	1 of 4	ssw	0.12 / 619.39	186.68		ICLOUGHLIN BLVD E OR 97267	HAZMAT
Incident No: Incident FDID: Incident Date: Incident Time: Year: Service Name: Fire Inci Ty Cd:		1305994 0057 4/25/2013 7:27 2013 CLACKAMAS CO FII	RE DIST #1	Incdnt Rprd By: Incident Lat: 0 Incident Long: 0 Incident State: OR Incident County: Location Type: Street address			

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 (NWNG) to arrive. Scene turned over to NWNG at 07:55. Once gas line to closed off using a downstream valve, construction employees are allowed to

Order No: 20170116098

Responsible Party Information

return to work and E3 clears the scene.

Business Name: Phone Number:

Property Use:

Remarks:

Fire Incdnt Type:

Street Address: City:

State: Zip:

Contact Name:

Construction site

Gas leak (natural gas or LPG)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site		DB
 Person Invol	ved Information						
Business Na Phone Numb							
First Name:	ier:	Joel					
Last Name:		Port					
Type:		Occupant					
Primary Lang	guage:	Coodpain					
	-						
Business Na							
Phone Numb	er:						
First Name:							
Last Name: Type:		Occupant					
Primary Lang	unade.	Occupant					
	juage.						
Hazardous N	laterial Information						
Chemical Na	me:						
Hazardous N	laterials Release:						
	unt Released:						
Hazmat Rele							
Hazmat Rele							
	se Of Release:						
To Release:	ors Contributing						
Hazmat Volu	me I Inits:						
Hazmat Weig							
Hazmat Phys							
Hazmat CAS							
Hazmat UN N	lumber:						
Hazmat Cont	tainer Type:						
Hazmat Est.	Container						
Capacity:	4.66						
Hazmat Area							
Measurement Hazmat Area							
Hazmat Area							
	ılation Density:						
Hazmat No. 6							
Evacuated:							
Hazmat No o	f Buildings						
Evacuated:							
Incident Prop							
Incident Con		•					
Incident Exp		0					
Hazmat Disp HazMat Action							
Description:	ons raken -						
	ed Use Property:						
	Given or Received:	None					
	Received from	110110					
FDID:							
	ed Department						
FDID:	-						
Hazmat Dot							
Classification							
Hazmat Evac							
Measuremen							
Hazmat Story		HazMat dataat	ion monitoring of	ampling & anal-	veie		
Basic Action Description:	o i dreil	ı ıazıvıat üetecti	ion, monitoring, sa	amping, a analy	yolo		
Hazmat Injur	v Exposure:						
Hazmat Deat							
	ialty Severity:						
	ialty Severity:						
	•						

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

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

None

Establish safe area

Hazmat Disposition:

HazMat Actions Taken -

Description:

Incident Mixed Use Property:

Incident Aid Given or Received:

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 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

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) 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

Location Type:

Street address

Order No: 20170116098

1202626 Incident No: Incdnt Rprd By: Incident Lat: Incident FDID: 0057 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

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: **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: 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 Injury Exposure: Hazmat Death Exposure: Service Casualty Severity: Civilian Casualty Severity:

Investigate

SSW

0

6 3 of 4 0.12 / 619.39 186.68 WALMART NEIGHBORHOOD **MARKET NO 3144**

15600 SE MCLOUGHLIN BLVD **MILWAUKIE OR 97267-3857**

CLACKAMAS County Name: 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

erisinfo.com | Environmental Risk Information Services

45

Order No: 20170116098

RCRA CESQG

Map Key Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DE
Activity Location: TSD Activity: Mixed Waste Generator: Importer Activity: Transporter Activity: Transfer Facility: Recycler Activity: Onsite Burner Exemption: Furnace Exemption: Underground Inject Activity: Rece Waste From Off Site: Used Oil Transporter: Used Oil Transfer Facility: Used Oil Processor: Used Oil Refiner: Used Oil Burner: Used Oil Market Burner:	OR No				
Used Oil Spec Marketer: Mailing Address: Contact Name: Contact Address: Contact Email: Location Street 2:	TROY STEELE 15600 SE MCLO	BENTONVILLE, A DUGHLIN BLVD, I 14.US@WALMAR	MILWAUKIE, WA	US A, 97267-3857, US	
 Owner/Operator Information					
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	 CP MILES JACKSO 3414 S 116TH 206 832-2900 P 20121231	ON ST SEATTLE WA	. US 98168		
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	CP WAL-MART STO PO BOX 8041 479-204-3517 P 20130717	ORES INC BENTONVILLE A	R US 72716-804	.1	
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	CP WAL-MART STO	ORES INC BENTONVILLE A	R US 72716-804	11	
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	CP WAL-MART STO PO BOX 8041 479-204-3517 P 20140912	ORES INC BENTONVILLE A	R US 72716-804	11	
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	 CO MILES JACKSC 3414 S 116TH 206 832-2900 P 20121213	ON ST SEATTLE WA	. US 98168		
 Owner/Operator Indicator:	CP				

Direction Distance Site DB Map Key Number of Elev Records (mi/ft) (ft)

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: 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:

Date Became Current: 20160505

Date Ended Current:

CP Owner/Operator Indicator:

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:

20160505 Date Became Current:

Date Ended Current:

Owner/Operator Indicator: CP

Owner/Operator Name: MILES JACKSON

3414 S 116TH ST SEATTLE WA US 98168 Owner/Operator Address:

Owner/Operator Phone: 206 832-2900

Owner/Operator Type: Date Became Current: 20121213

Date Ended Current:

Owner/Operator Indicator: CO

Owner/Operator Name: WAL-MART STORES INC

PO BOX 8041 BENTONVILLE AR US 72716-8041 Owner/Operator Address:

Owner/Operator Phone: 479-204-3517

Owner/Operator Type:

Date Became Current: 20131231

Date Ended Current:

Owner/Operator Indicator: CO

Owner/Operator Name: WAL-MART STORES INC

PO BOX 8041 BENTONVILLE AR US 72716-8041 Owner/Operator Address:

Owner/Operator Phone: 479-204-3517 Owner/Operator Type: Date Became Current: 20140912

Date Ended Current:

CO Owner/Operator Indicator:

WAL-MART STORES INC Owner/Operator Name:

Owner/Operator Address: PO BOX 8041 BENTONVILLE AR US 72716-8041

Owner/Operator Phone: 479-204-3517

Owner/Operator Type:

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:

20130717 Date Became Current:

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:

Number of Direction Distance Site DB Map Key Elev Records (mi/ft) (ft) Date Became Current: 20121231 Date Ended Current: **NAICS Information** 236220 Naics Code: Naics Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION Naics Active Status: Naics Cycle: 2012 Naics Code: 452910 Naics Description: WAREHOUSE CLUBS AND SUPERCENTERS Naics Active Status: Yes 2012 Naics Cycle: Handler Information Date Received: 20130717 Facility Name: WALMART NEIGHBORHOOD MARKET NO 3144 Classification: Conditionally Exempt Small Quantity Date Received: Facility Name: WALMART NEIGHBORHOOD MARKET NO 3144 Classification: Conditionally Exempt Small Quantity 20121231 Date Received: Facility Name: JACKSON DEAN CONST FOR WALMART NEIGHBORH Classification: Conditionally Exempt Small Quantity Date Received: 20141231 Facility Name: WALMART NEIGHBORHOOD MARKET NO 3144 Classification: Conditionally Exempt Small Quantity Date Received: 20160505 Facility Name: WALMART NEIGHBORHOOD MARKET NO 3144 Classification: Conditionally Exempt Small Quantity Date Received: JACKSON DEAN CONST FOR WALMART NEIGHBORH Facility Name: Classification: Small Quantity Generator Date Received: WALMART NEIGHBORHOOD MARKET NO 3144 Facility Name: Classification: Conditionally Exempt Small Quantity Hazardous Waste Information Waste Code: NA from br conversion Waste: Waste Code Active Status: Yes BR Waste Code Active Status: No 6 4 of 4 SSW 0.12 / 619.39 186.68 GI JOE'S **UST** 15600 SE MCLOUGHLIN BLVD **PORTLAND OR 97222** 6809 ın. Facility Status: All Tank No: **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 15318 SE Olive Ave

	Site	Elev (ft)	Distance (mi/ft)	Direction	Number of Records	Map Key
KIE OR 97267	MILWAUF					
03/24/2014 NWR	•				<i>rd Dt:</i> 06/18	Log NO: Cleanup Rcv Cleanup Sta
Concord Rd	3640 SE (180.48	0.14 / 742.25	ssw	1 of 1	8
503 786-2483 7717 Chang W. Kang Alpine Cleaners 3640 SE Concord Rd Milwaukie OR 97267 1/1/2000 1/1/1999 Alpine Cleaners 3640 SE Concord RD Milwaukie OR 97267-3908 9/1/1999 3388 9/1/1999	lame: Org: Address: City: State: Cip: Phone: -st Updt: -fmail: -ff Dt: -ne: -te: -te: -te: -tet Updt: -ail: -ective Dt:	Owner I Owner O Owner I Owner I Owner I Owner I Owner I Mail Nai Mail City Mail Sta Mail Las Mail ID: Mail Effo	longer eligible for f	ALSE ALSE 5.4090596158097 22.624713405299 orean 68	CL 1998: FALS 190ing: FALS d: 45.40 -122.0 K Korea 3168 ation:	DC ID: DEQ ID: AQ Source II Curr Satus: Solvent Pre- Perc Use On Last Updated Lat: Long: Batch: Batch Desc: PR Owner ID Pro Name: Pro Address Pro City: Pro State: Pro Pro Phone: Pro Last Upd Pro Email: Pro Eff Dt: Curr Status I
OATFIELD RD	15233 SE	285.67	0.14 / 745.42	NE	1 of 1	9
05/19/1999 NWR	•			/17/1999	<i>rd Dt:</i> 02/17	Log NO: Cleanup Rcv Cleanup Sta
OATFIELD RD	15333 SE	285.86	0.14 / 761.30	ENE	1 of 1	<u>10</u>
07/20/2005 NWR				/13/2005	<i>rd Dt:</i> 04/13	Log NO: Cleanup Rcv Cleanup Stal
Olive Ave	15308 SE	224.54	0.15 / 798.01	NW	1 of 1	11
12/21/2015 NWR					<i>rd Dt:</i> 09/25	Log NO: Cleanup Rcv Cleanup Sta
	03/24/2014 NWR eaners Concord Rd OR 97267 503 786-2483 7717 Chang W. Kang Alpine Cleaners 3640 SE Concord Rd Milwaukie OR 97267 1/1/2000 1/1/1999 Alpine Cleaners 3640 SE Concord RD Milwaukie OR 97267-3908 9/1/1999 3388 9/1/1999 3388 9/1/1999 NTANK OATFIELD RD KIE OR 97267 05/19/1999 NWR OIL TANK OATFIELD RD KIE OR 97267 07/20/2005 NWR OIL TANK OIIVE AVE KIE OR 97267 12/21/2015	MILWAUKIE OR 97267 Dompl Dt: 03/24/2014 NWR Alpine Cleaners 3640 SE Concord Rd Milwaukie OR 97267 D: 7717 Name: Chang W. Kang Org: Alpine Cleaners Address: 3640 SE Concord Rd City: Milwaukie State: OR City: 97267 Phone: St Updt: 1/1/2000 Email: Eff Dt: 1/1/1999 me: Alpine Cleaners dress: 3640 SE Concord RD W: Milwaukie te: OR St Updt: 9/1/1999 me: Alpine Cleaners dress: 3640 SE Concord RD W: Milwaukie te: OR St Updt: 9/1/1999 3388 st Updt: 9/1/1999 NUR HEATING OIL TANK 15233 SE OATFIELD RD MILWAUKIE OR 97267 Dompl Dt: 05/19/1999 NWR HEATING OIL TANK 15333 SE OATFIELD RD MILWAUKIE OR 97267 Dompl Dt: 07/20/2005 NWR HEATING OIL TANK 15308 SE Olive Ave MILWAUKIE OR 97267 Dompl Dt: 07/20/2005 NWR	Mil.WAUKIE OR 97267	MILWAUKIE OR 97267	MILWAUKIE OR 97267	MILWAUKIE OR 97267

Мар Кеу	Numbe Record		Distance (mi/ft)	Elev (ft)	Site		L
12	1 of 5	sw	0.15 / 804.58	179.45	15710 SE I	VE CHEVRON MCLOUGHLIN BLVD IE OR 97267	DTNK
acility ID:		022195		County:		CLACKAMAS	
Driginal Sol	urce.	AST		Mailing A	ddr·	15710 SE MCLOUGHLIN BLVD	
Record Date		17-Jun-2014		Mail City:		MILWAUKIE	
acility Stat				Mail Zip:		97267	
per Cert N				Mail State) <i>:</i>	OR	
ource File:				Latitude:		45.40950045	
re Departi	ment ID:	0057		Longitud	e <i>:</i>	-122.62656411	
ire Departı	ment:	CLACKAMAS CO FIRE	E DIST #1	EHS Crd	Frst Nm:		
az Subs P	res?:	Υ		EHS Coo	rd Email:		
hem Coun	t:	1		Emerg Co	ont 2013:	ASIT PATEL	
ept or Divi	ision:			Emerg Co	ont 2014:		
mployees	2013:	12		Emrg Cnt	Day Ph:	5034767070	
lax Occup	2014:	12		Emrg Cn	Dy Ph Ex:		
ccupied:		FALSE		Emerg Co	ont Email:		
noccupied		FALSE		Fac Says	Are EHS:	N	
rev Year S		8/8/2013		Phone:			
ur Year Su	ırvey:			EHS Crd	Lst Nm:		
SM Facility	y:			Street Pro	e:		
RI Facility:	7			Street Su	f:		
RI FID:				Street Ty	oe:		
CRA ID:				Street Un	it:		
MP Facility	y ID:			Date Con	pleted:		
ermittee:				Owner Fi			
ll Tank:				Owner La			
ctive Tank				Owner O _l			
ecomm Ta				Phone Bu			
ermit Tank				Max Occi			
eptd Chen					nt Frst Nm:		
AA 112R F				•	nt Lst Nm:		
lag Status	•			Phone Da			
Rec Date:				Phone Da	•		
Ounbrad:				Email Ad			
Deinit1:				Completi	•		
merg Proc	:			Completi			
Placard: Site Plan:				Completi	•		
				Comp Ph HM Team			
lail Date:							
hort Memo) <i>:</i>			Fac Date			
prinkled: ite No:				Fac Name	•		
				De Date 1 De Date 2			
oluntary: lacard Oth	0.5			Info Upda	-		
iacaru Otri ttn of:	er:			тто ораг	ite:		
	rno.	CASOLINE	SERVICE STATION 8	CONVENIENC	E STORE C	\ D \\/\ \ C L	
usiness Ty	•	447110	SERVICE STATION O	X CONVENIENC	E STORE CA	AK WASH	
irst Naics:		-	STATIONS WITH CO	NIVENIENCE OT	ODEC		
irst Naics l econd Nai		811192	STATIONS WITH CO	INVENIENCE SI	OKES		
econo na ND Naics L		CAR WASH	EQ.				
omments:		CAR WASH	LO				
omments.							
<u>12</u>	2 of 5	sw	0.15 / 804.58	179.45		N U.S.A., INC 94637" MCLOUGHLIN BLVD	LUST
					MILWAUK	IE OR 97267	
og NO:		03-93-0111		Work Cor	npl Dt:	08/01/1994	
leanup Rc		07/01/1993		Region:		NWR	
leanup Sta	art Dt:	06/28/1993					

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

Work Compl Dt:

MILWAUKIE OR 97267

Cleanup Rcvd Dt: 11/06/1998

Log NO:

NWR Region: Cleanup Start Dt: 11/06/1998

12 4 of 5 SW 0.15 / 804.58 179.45 CHEVRON SS 94637

15710 SE MCLOUGHLIN BLVD

11/26/2004

RCRA CESQG

Order No: 20170116098

MILWAUKIE OR 97267

CLACKAMAS County Name: County Code: OR005 EPA Handler ID: ORD987189271 **Current Site Name:** CHEVRON SS 94637

03-98-0959

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: Nο

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: 20111231 Date Became Current: Date Ended Current:

CP Owner/Operator Indicator:

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:

Date Became Current: 20111231

Date Ended Current:

Owner/Operator Indicator: CP

Owner/Operator Name: CHEVRON USA INC SS 94637

0

Owner/Operator Address: 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-1210

Owner/Operator Type:

Date Became Current:

Direction Distance Site DB Map Key Number of Elev Records (mi/ft) (ft)

Date Ended Current:

CO Owner/Operator Indicator:

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:

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: 20010228 Date Became Current:

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:

Date Became Current: 20060219

Date Ended Current:

Owner/Operator Indicator:

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:

Date Became Current: 20071231

Date Ended Current:

Owner/Operator Indicator: CP

CHEVRON PRODUCTS CO Owner/Operator Name:

Owner/Operator Address: 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-1210

Owner/Operator Type:

Date Became Current: 20071231

Date Ended Current:

CP Owner/Operator Indicator:

CHEVRON PRODUCTS CO Owner/Operator Name:

Owner/Operator Address: 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-1210

Owner/Operator Type:

Date Became Current: 20081231

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:

Date Became Current: 19931231

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: Р

Date Became Current: 20000303

Date Ended Current:

Owner/Operator Indicator: CP

Owner/Operator Name: CHEVRON PRODUCTS CO

Direction Distance Site DB Map Key Number of Elev Records (mi/ft) (ft)

Owner/Operator Address: 15710 SE MCLOUGHLIN BLVDD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-1210

Owner/Operator Type:

20061231 Date Became Current:

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:

Date Became Current: 19910506

Date Ended Current:

CO Owner/Operator Indicator:

CHEVRON USA PRODUCTS COMPANY Owner/Operator Name:

Owner/Operator Address: PO BOX 6004 SAN RAMON CA US 94583-0804

Owner/Operator Phone: 925 842-5931

Owner/Operator Type:

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:

Date Became Current: 19980302

Date Ended Current:

CP Owner/Operator Indicator:

CHEVRON USA INC SS 94637 Owner/Operator Name:

Owner/Operator Address: 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-1210

Owner/Operator Type:

20010228 Date Became Current:

Date Ended Current:

CO Owner/Operator Indicator:

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

20020219 Date Became Current:

Date Ended Current:

Owner/Operator Indicator: CO

Owner/Operator Name: CHEVRON USA PRODUCTS COMPANY

PO BOX 6004 SAN RAMON CA US 94583-0804 Owner/Operator Address:

Owner/Operator Phone: 925 842-5931

Owner/Operator Type:

Date Became Current: 19970205

Date Ended Current:

CP Owner/Operator Indicator:

CHEVRON USA INC SS 94637 Owner/Operator Name:

Owner/Operator Address: 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-1210

Owner/Operator Type:

Date Became Current: 20020219

Date Ended Current:

CO Owner/Operator Name: CHEVRON USA PRODUCTS COMPANY

PO BOX 6004 SAN RAMON CA US 94583-2324 Owner/Operator Address:

Owner/Operator Phone: (925)842-5931

Owner/Operator Type:

Owner/Operator Indicator:

20051231

Date Became Current:

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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:

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: 19960305

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:

Date Became Current: 20031231

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:

Date Became Current: 20060219

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:

Date Became Current: 20081231

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)842-3733

Owner/Operator Type:

Date Became Current: 20091231

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: 19920401

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:

Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP

Owner/Operator Name: CHEVRON USA INC SS 94637

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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:

Date Became Current: 19960305

Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: CP
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:

Date Became Current: 19990219

Date Ended Current:

-- -- CP 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:

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:

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:

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:

--

0

Owner/Operator Indicator: CP

Owner/Operator Name: CHEVRON USA INC SS 94637

Owner/Operator Address: 15710 SE MCLOUGHLIN BLVD MILWAUKIE OR US 97267

Order No: 20170116098

Owner/Operator Phone: (503) 659-1210

Owner/Operator Type:

Date Became Current: 19970205

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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:

Date Became Current: 20000303

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: 20030224

Date Ended Current:

-- COwner/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:

Date Became Current: 20041231

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:

Date Became Current: 20091231

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:

Date Became Current: 19990219

Date Ended Current:

. --Owner/Operator Indicator: CO

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:

Date Became Current: 20030224

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:

Date Became Current: 20051231

Date Ended Current:

NAICS Information

Naics Code: 44711

Naics Description: GASOLINE STATIONS WITH CONVENIENCE STORES

 Naics Active Status:
 Yes

 Naics Cycle:
 2002

 - -

 Naics Code:
 447110

Naics Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Naics Active Status: Yes

Number of Direction Distance Site DB Map Key Elev Records (mi/ft) (ft) Naics Cycle: 2012 Handler Information Date Received: 20000303 CHEVRON SS 94637 Facility Name: Classification: Conditionally Exempt Small Quantity Date Received: 19950501 Facility Name: CHEVRON SS 94637 Classification: Conditionally Exempt Small Quantity 19990219 Date Received: 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 CHEVRON SS 94637 Facility Name: Classification: Conditionally Exempt Small Quantity Date Received: 20060219 Facility Name: CHEVRON SS 94637 Classification: Conditionally Exempt Small Quantity Date Received: 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

Order No: 20170116098

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

CHEVRON SS 94637 Facility Name:

Classification: Conditionally Exempt Small Quantity

Date Received: 20071231

CHEVRON SS 94637 Facility Name:

Classification: Conditionally Exempt Small Quantity

Date Received: 19970205

Number of Direction Site DB Map Key Distance Elev Records (mi/ft) (ft)

CHEVRON SS 94637 Facility Name: Classification: Small Quantity Generator

Date Received: 20020219

Facility Name: CHEVRON SS 94637

Conditionally Exempt Small Quantity Classification:

Date Received: 20111231

Facility Name: CHEVRON SS 94637

Classification: Conditionally Exempt Small Quantity

Date Received: 19960305

CHEVRON SS 94637 Facility Name: Classification:

Conditionally Exempt Small Quantity

20061231 Date Received:

Facility Name: CHEVRON SS 94637

Classification: Conditionally Exempt Small Quantity

Date Received:

CHEVRON SS 94637 Facility Name:

Classification: Conditionally Exempt Small Quantity

Hazardous Waste Information

D001 Waste Code:

IGNITABLE WASTE Waste:

Waste Code Active Status: BR Waste Code Active Status: Yes

Waste Code: D018 **BENZENE** Waste: 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:

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Violation Short Description: Generators - Manifest

Violation Determined Date: 19980817 19980921 Actual Return to Compliance

Date:

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:

19980817 **Evaluation Start Date:**

Evaluation Agency:

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE Violation Short Description: TSD - Contingency Plan and Emergency Procedures

19980817 Violation Determined Date: Actual Return to Compliance 19980921

Date:

Violation Responsible Agency:

Мар Кеу	Number Record		Direction	Distance (mi/ft)	Elev (ft)	Site		DB
Enforcement	Aotion D-	tor	19980824					
		te:						
Enforcement			S					
Disposition S) <i>:</i>						
Disposition S	Status:							
Enforcement	Type Desc	cription:	NOTICE OF NO	ONCOMPLIANCE				
Proposed Pe								
Paid Amount								
Final Amoun								
- Illai Alliouli								
 Fueluetien C	44 D-4							
Evaluation S			19980817					
Evaluation A			S					
Evaluation T	ype Descri	ption:	COMPLIANCE	EVALUATION INS	PECTION ON-S	SITE		
Violation Sho	ort Descrip	tion:	LDR - General					
Violation Det	termined D	ate:	19980817					
Actual Return	n to Comp	liance	19980921					
Date:								
Violation Res	snonsihle A	aency.	S					
Enforcement			19980824					
		ie.	S					
Enforcement			5					
Disposition S).						
Disposition S			NOTICE CE	0110011D:::::::				
Enforcement			NOTICE OF NO	ONCOMPLIANCE				
Proposed Pe		unt:						
Paid Amount	t:							
Final Amoun	t:							
<u>12</u>	5 of 5		SW	0.15 / 804.58	179.45	CHEVRON (JSA INC - 94637	UST
						15710 SE M	CLOUGHLIN BLVD	031
						MILWAUKIE	OR 97267	
ID:		1107			Facility S			
All Tank No:		11			Operating	g Cert No:	3-1107-2016-OPER	
Active Tank	No:	3			Source F	ile:	FacilitiesList.xlsx, Opera	tingCertificatesList.xlsx
Decomm Tan	ık No:	8			Phone:		(503)659-1210	
Permit Tank	No:	3			Permittee) <i>:</i>	Andy Patel	
							•	
40	4 - 6 4		_	0.40 / 0.40 04	000.40		U TANU	
<u>13</u>	1 of 1		E	0.16 / 848.81	286.10	HEATING O		LUST
							ATFIELD ROAD	
						MILWAUKIE	OR 97267	
							22/22/22	
Log NO:		03-03-08			Work Co	npi Dt:	08/08/2003	
Cleanup Rcv		05/08/20	03		Region:		NWR	
Cleanup Star	rt Dt:	05/09/20	03					
•								
14	1 of 1		E	0.16 / 854.66	285.73	HEATING O	IL TANK	LUST
_						15404 SE O	atfield Rd	LUST
						MILWAUKIE	OR 97267	
Log NO:		03-15-10	18		Work Cor	npl Dt:	02/01/2016	
Cleanup Rcv	d Dt:	07/21/20	15		Region:	•	NWR	
Cleanup Star					·			
	_							
<u>15</u>	1 of 1		W	0.16 / 862.50	190.96	A-1 Boat De		ECSI
							cLoughlin Blvd.	LUJI
						Milwaukie C	PR 97267	
Site ID:		4486			Created of	on Dt:	08/16/2005	
Investi Status	s:	Suspect			Last Upd	ate Dt:	04/01/2009	
Furth Act Pri		0 '			Site Alias			
CERCLIS NO					Range Co		1.00	
					•			

Map Key	Number Records		Direction	Distance (mi/ft)	Elev (ft)	Site		DB
NPL?: Legis Fund C Brownfield Do Study Area Fl Orphan Flag: Score Value: Tax Lots: Size: FACA Identifit County Name Region: Town S Coore	esc: lag: er: ::	False 0 0 False False 1300 57,456 sq 89958 Northwest 2.00			Section Qtr So Display Lat Do Lat Do Lat M Lat So Long Long Long Long	e Zone: on Coord: ec Coord: ey Order: ecimal: egrees: inutes: pecimal: Degrees: Minutes: Seconds:	E 1 0 45.4103 45 24 37.10 -122.6281 -122 37 41.20	
Township Zoi		S						
Action Code: Action Category Action: Active: Req Priority Cagency: Further Action Start Date: Completion Date: Completion Date Sub Program Rank Val: Primary Action Clean Up Rep Comment: Last Updated Last Updated Created By:	ory: Code: n Priority C Pate: Code: on: port:	ode:	9424 ADMIN Site added to dat True False Department of Et 08/16/2005 08/16/2005 False False DMESSEN 08/16/2005 DMESSEN	tabase nvironmental Qual	ity			
Created By: Created Date: Emp ID: Admin Region Admin Furthe	n:	iority:	08/16/2005					
Action Code: Action Categor Action: Active: Req Priority Cagency: Further Action Start Date: Completion D Sub Program Rank Val:	ory: Code: n Priority C Date: Code:	ode:	True False Department of Er 0 08/16/2005 08/16/2005 SAS	ecommended (EV) nvironmental Qual				
Primary Action Clean Up Rep Comment: Last Updated Last Updated Created By: Created Date: Emp ID: Admin Region Admin Furthe	oort: By: - - -		True False GWISTAR 06/24/2008 DMESSEN 08/16/2005 313 Northwest Regio 0	n				
Narrative Narrative Coo Description: Comment: Created By: Created Date:							ainers of waste oil apparen oil and solvent on-site.	ily were dumped at the

Мар Кеу	Numbe Record		Distance (mi/ft)	Elev (ft)	Site	DB
Last Updat Last Updat		GWISTAR 09/07/2005				
 Narrative						
Narrative C Description Comment: Created By Created Da Last Updat Last Updat	n: :: ite: ed By:	1907 Manner of Re Time of releas DMESSEN 08/16/2005 GWISTAR 09/07/2005	lease se is unknown.			
 Narrative						
Narrative C Description Comment: Created By Created Da Last Updat Last Updat	n: :: ite: ed By:	 1914 Remedial Acti (8/16/05 DM/S DMESSEN 08/16/2005 JWAGGY 09/30/2005 	on SAP) Site referred fr	om Hazardous	Waste Program.	
<u>16</u>	1 of 1	NNW	0.17 / 884.51	232.43	HEATING OIL TANK 3520 SE RISLEY AVE PORTLAND OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-02-0288 07/05/2002 07/05/2002		Work (Region	compl Dt: 04/02/20 : NWR	09
<u>17</u>	1 of 1	NNE	0.17 / 890.31	279.51	HEATING OIL TANK 15206 SE Oatfield Rd MILWAUKIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-09-0680 07/23/2009		Work C Region	compl Dt: 05/04/20 : NWR	110
18	1 of 3	ssw	0.17/914.60	176.43	GOODYEAR AUTO SE CENTER #8434 15815 SE MCLOUGHL MILWAUKIE OR 97222	IN BLVD
Log NO: Cleanup Ro Cleanup St		03-96-0397 07/09/1996 07/09/1996		Work C Region	compl Dt: 06/06/20 : NWR	000
<u>18</u>	2 of 3	ssw	0.17 / 914.60	176.43	GOODYEAR AUTO SE CENTER 15815 SE MCLOUGHL MILWAUKIE OR 97222	RCRA CESQG IN
County Nai County Co EPA Handl Current Sit Generator Land Type: Activity Lo	de: er ID: e Name: Status Unive					

Map Key Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
TSD Activity: Mixed Waste Generator: Importer Activity: Transporter Activity: Transfer Facility: Recycler Activity: Onsite Burner Exemption: Furnace Exemption: Underground Inject Activity: Rece Waste From Off Site: 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: Contact Name: Contact Address: Contact Email: Location Street 2:	DON E WESTO	DUGHLIN BV, MI N DUGHLIN BV, MI			
 Owner/Operator Information 					
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	CP DARRELL SAN 15815 S.E. MC (503) 659-8345 O 19931231	TOS LOUGHLIN BLVI	d Milwaukie	E OR US 97267	
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	(216) 796-2121 P 19990121	ET ST AKRON C	DH US 44316-0	0001	
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	15815 S.E. MC (503) 659-8345 O 20010206	JTO SERVICE C LOUGHLIN BLVI		E OR US 97267	
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	CO GOODYEAR 1144 E. MARK (216) 796-2121 P 19980501	ET ST AKRON (DH US 44316-0	0001	
Owner/Operator Indicator: Owner/Operator Name: Owner/Operator Address: Owner/Operator Phone: Owner/Operator Type: Date Became Current: Date Ended Current:	15815 S.E. MC (503) 659-8345 O 20021007	JTO SERVICE C LOUGHLIN BLVI		E OR US 97267	
 Owner/Operator Indicator: Owner/Operator Name:	CO GOODYEAR				

Direction Distance Site DB Map Key Number of Elev Records (mi/ft) (ft)

Owner/Operator Address: 1144 E. MARKET ST AKRON OH US 44316-0001

Owner/Operator Phone: (216) 796-2121

Owner/Operator Type:

19920401 Date Became Current:

Date Ended Current:

Owner/Operator Indicator: CO

GOODYEAR Owner/Operator Name:

Owner/Operator Address: 1144 E. MARKET ST AKRON OH US 44316-0001

Owner/Operator Phone: (216) 796-2121

Owner/Operator Type:

Date Became Current: 19931231

Date Ended Current:

Owner/Operator Indicator: CP

GOODYEAR AUTO SERVICE CENTER Owner/Operator Name:

Owner/Operator Address: 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-8345

Owner/Operator Type:

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:

19990121 Date Became Current:

Date Ended Current:

Owner/Operator Indicator: CO

GOODYEAR Owner/Operator Name:

Owner/Operator Address: 1144 E. MARKET ST AKRON OH US 44316-0001

Owner/Operator Phone: (216) 796-2121

Owner/Operator Type:

20000202 Date Became Current:

Date Ended Current:

CP Owner/Operator Indicator:

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: 0

19980501 Date Became Current:

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:

Date Became Current: 19930311

Date Ended Current:

CO Owner/Operator Indicator:

GOODYEAR Owner/Operator Name:

Owner/Operator Address: 1144 E. MARKET ST AKRON OH US 44316-0001

Owner/Operator Phone: (216) 796-2121

Owner/Operator Type:

Date Became Current: 19960304

Date Ended Current:

Owner/Operator Name: **GOODYEAR**

Owner/Operator Address: 1144 E. MARKET ST AKRON OH US 44316-0001

CO

Owner/Operator Phone: (216) 796-2121

Owner/Operator Type:

Owner/Operator Indicator:

Date Became Current: 19860722

Number of Direction Distance Site DB Map Key Elev Records (mi/ft) (ft)

Date Ended Current:

Owner/Operator Indicator:

СР 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:

Date Became Current: 20031231

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:

Date Became Current:

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:

Date Became Current: 19970123

Date Ended Current:

Owner/Operator Indicator:

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: 0

Date Became Current: 20000202

Date Ended Current:

Owner/Operator Indicator: CO

GOODYEAR Owner/Operator Name:

Owner/Operator Address: 1144 E. MARKET ST AKRON OH 443160001

Owner/Operator Phone: 2167962121

Owner/Operator Type:

Date Became Current: Date Ended Current:

CP Owner/Operator Indicator:

GOODYEAR AUTO SERVICE CENTER Owner/Operator Name:

Owner/Operator Address: 15815 S.E. MCLOUGHLIN BLVD MILWAUKIE OR US 97267

Owner/Operator Phone: (503) 659-8345

Owner/Operator Type:

Date Became Current: 19970123

Date Ended Current:

Owner/Operator Indicator: CO

Owner/Operator Name: GOODYEAR

1144 E. MARKET ST AKRON OH US 44316-0001 Owner/Operator Address:

Owner/Operator Phone: (216) 796-2121 Owner/Operator Type:

Date Became Current: 19950105

Date Ended Current:

СР Owner/Operator Indicator:

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: Date Became Current: 19960304

Date Ended Current:

Owner/Operator Indicator: CO

Owner/Operator Name: **GOODYEAR**

Direction Distance Site DB Map Key Number of Elev Records (mi/ft) (ft)

Owner/Operator Address: 1144 E. MARKET ST AKRON OH US 44316-0001

Owner/Operator Phone: (216) 796-2121

Owner/Operator Type: 20010206

Date Became Current:

Date Ended Current:

Owner/Operator Indicator: CO

GOODYEAR Owner/Operator Name:

Owner/Operator Address: 1144 E. MARKET ST AKRON OH US 44316-0001

Owner/Operator Phone: (216) 796-2121

Owner/Operator Type:

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:

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: Nο Naics Cycle: 2012

Naics Code: 811112

Naics Description: AUTOMOTIVE EXHAUST SYSTEM REPAIR

Naics Active Status: Yes Naics Cycle: 2002

Handler Information

Date Received: 19950105

GOODYEAR AUTO SERVICE CENTER Facility Name: Classification: Conditionally Exempt Small Quantity

Date Received: 20031231

GOODYEAR AUTO SERVICE CENTER Facility Name: Classification: Conditionally Exempt Small Quantity

Date Received: 19920401

Facility Name: GOODYEAR AUTO SERVICE CENTER Conditionally Exempt Small Quantity Classification:

Date Received:

Facility Name: GOODYEAR AUTO SERVICE CENTER Classification: Conditionally Exempt Small Quantity

Date Received: 19931231

GOODYEAR AUTO SERVICE CENTER Facility Name:

Date Received: 20010206

Facility Name: GOODYEAR AUTO SERVICE CENTER Classification: Conditionally Exempt Small Quantity

Date Received:

Facility Name: GOODYEAR AUTO SERVICE CENTER Classification: Conditionally Exempt Small Quantity

Date Received: 20021007

GOODYEAR AUTO SERVICE CENTER Facility Name:

Classification: Conditionally Exempt Small Quantity

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
 Date Received Facility Name Classification	:		JTO SERVICE CE empt Small Quan			
Date Received Facility Name Classification	:	20000202 GOODYEAR AL	JTO SERVICE CE empt Small Quan			
Date Received Facility Name Classification		19960304 GOODYEAR AL	JTO SERVICE CE empt Small Quan			
Date Received Facility Name Classification	:	19980501 GOODYEAR AL	JTO SERVICE CE empt Small Quan			
Hazardous Wa	aste Information					
Waste Code: Waste: Waste Code A BR Waste Code	active Status: de Active Status:	 NA from br conversi Yes No	on			
Waste Code: Waste: Waste Code A BR Waste Code	active Status: de Active Status:	NONE DESCRIPTION No No				
18	3 of 3	ssw	0.17 / 914.60	176.43	GOODYEAR AUTO SERVIC CENTER #8434 15815 SE MCLOUGHLIN BL MILWAUKIE OR 97222	UST
ID: All Tank No: Active Tank N Decomm Tank Permit Tank N	k No: 1			Facility St Operating Source Fil Phone: Permittee:	Cert No: le: FacilitiesList.x (503)659-834:	
<u>19</u>	1 of 1	W	0.18/927.12	197.08	PEP BOYS NO 579 15550 SE MCLOUGHLIN BL MILWAUKIE OR 97267	LVD RCRA NON GEN
County Name. County Code: EPA Handler I Current Site N Generator Sta Land Type: Activity Locat TSD Activity: Mixed Waste I Importer Activ Transporter A Transfer Facil Recycler Activ Onsite Burner Furnace Exen Underground Rece Waste F Used Oil Tran Used Oil Tran Used Oil Proc	ID: lame: tus Universe: ion: Generator: vity: ctivity: ity: Exemption: aption: Inject Activity: rom Off Site: sporter: sfer Facility:	CLACKAMAS OR005 ORQ000009084 PEP BOYS NO Other OR No				

Direction Distance Site DB Map Key Number of Elev Records (mi/ft) (ft)

Used Oil Refiner: **Used Oil Burner:** Used Oil Market Burner: Used Oil Spec Marketer:

Mailing Address: 3111 W ALLEGHENY AVE, PHILADELPHIA, PA, 19132, US

Contact Name: JOHN KERELO

Contact Address: 3111 W ALLEGHENY AVE, PHILADELPHIA, PA, 19132, US

Contact Email: Location Street 2:

Owner/Operator Information

Owner/Operator Indicator: CO

Owner/Operator Name: THE PEP BOYS MANNY MOE OF CALIFORNIA

3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132 Owner/Operator Address:

Owner/Operator Phone: (215) 227-9017

Owner/Operator Type:

Date Became Current: 19980526

Date Ended Current:

Owner/Operator Indicator: CO

Owner/Operator Name: THE PEP BOYS MANNY MOE OF CALIFORNIA

Owner/Operator Address: 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132

Owner/Operator Phone: (215) 227-9017

Owner/Operator Type:

Date Became Current: 19990308

Date Ended Current:

Owner/Operator Indicator: CO Owner/Operator Name: THE PEP BOYS MANNY MOE OF CALIFORNIA

Owner/Operator Address: 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132

Owner/Operator Phone: (215) 227-9017 Owner/Operator Type:

Date Became Current: 20010226

Date Ended Current:

Owner/Operator Indicator: CO

THE PEP BOYS MANNY MOE OF CALIFORNIA Owner/Operator Name:

Owner/Operator Address: 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132

Owner/Operator Phone: (215) 227-9017

Owner/Operator Type:

Date Became Current: 20000302

Date Ended Current:

Owner/Operator Indicator: CO

THE PEP BOYS MANNY MOE OF CALIFORNIA Owner/Operator Name:

Owner/Operator Address: 3111 W ALLEGHENY AVE PHILADELPHIA PA US 19132

Owner/Operator Phone: (215) 227-9017

Owner/Operator Type:

Date Became Current: 20001218

Date Ended Current:

NAICS Information

Naics Code: 44131

AUTOMOTIVE PARTS AND ACCESSORIES STORES Naics Description:

Naics Active Status: Naics Cycle: 2002

Naics Code: 811111

GENERAL AUTOMOTIVE REPAIR Naics Description:

Naics Active Status: Yes Naics Cycle: 2002

Handler Information

Date Received: 19980526

Map Key	Number of Records	of Direction	Distance (mi/ft)	Elev (ft)	Site		DB
Facility Nam	e:	PEP BOYS N	NO 579				
Date Receive Facility Nam		20010226 PEP BOYS N	NO 579				
Date Receive Facility Nam		20000302 PEP BOYS N	NO 579				
Date Receive Facility Nam		20001218 PEP BOYS N	NO 579				
Date Receive Facility Nam		19990308 PEP BOYS N	NO 579				
Hazardous V	Vaste Informa						
	: Active Status ode Active St	NONE DESCRIPTIONS: No	NO				
20	1 of 1	NNW	0.18 / 928.64	239.72	3604 SE F	OIL TANK RISLEY AVE KIE OR 97216	LUST
Log NO: Cleanup Rcv Cleanup Sta	d Dt:	26-04-2395 12/02/2004 12/03/2004		Work C Region	Compl Dt: :	03/15/2005 NWR	
21	1 of 1	NNW	0.19 / 986.43	247.59	3615 SE F	OIL TANK RISLEY AVE KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta	rd Dt:	03-05-0379 03/01/2005 03/07/2005		Work C Region	Compl Dt: :	06/08/2005 NWR	
22	1 of 1	ENE	0.20 / 1,052.22	300.80	4109 SE C	OIL TANK CONCORD KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta	rd Dt:	03-04-1444 07/21/2004 07/21/2004		Work C Region	Compl Dt: :	03/15/2005 NWR	
23	1 of 1	SE	0.20 / 1,062.38	215.30		e Trolley Trail Project treets in Milwaukie e OR	ECSI
Site ID: Investi Statu Furth Act Procession NPL?: Legis Fund (Brownfield L Study Area I Orphan Flag Score Value: Tax Lots:	s: iority: D: Code: Desc: Flag:	5285 Suspect 0 False 0 0 False False		Site Ali Range Range I Section	odate Dt: las Name: Coord: Zone: la Coord: Coord: Coord: Order: Itimal:	12/30/2009 12/30/2009 1.00 E 12 0 45.4085 45	

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

30.60 Size: Lat Seconds: FACA Identifier: 113927 Long Decimal: -122.6219

-122 County Name: Long Degrees: Northwest Region Long Minutes: Region: 37 Town S Coord: 2.00 Long Seconds: 18.80 Township Zone:

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:

False Primary Action: Clean Up Report: False Comment:

Last Updated By: **ECLARK** 12/30/2009 Last Updated: Created By: **ECLARK** Created Date: 12/30/2009 Emp ID: 2745

. Admin Region:

Admin Further Action Priority:

Action Code: 9484 Action Category: RA

REMEDIAL INVESTIGATION Action:

Active: Reg Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

12/30/2009 Start Date: 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** 12/30/2009 Created Date: Emp ID:

Admin Region: Northwest Region

Admin Further Action Priority: 0 Action Code: 9476

Action Category: RA Refer to Program Action:

Active: True Reg Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

01/04/2013 Start Date: 01/04/2013 Completion Date: Sub Program Code: SW

Rank Val:

Primary Action: True Clean Up Report: False

Referred tp Solid Waste program for SW Letter of Authorization. Comment:

Order No: 20170116098

Last Updated By:

Map Key	Number Record		n Distance (mi/ft)	Elev (ft)	Site		DB
Last Update Created By: Created Date Emp ID: Admin Region	e: on:	10/13/2014 GWISTAR 10/13/2014 664 Northwest 0	1				
Narrative							
Narrative Co Description: Comment: Created By: Created Date Last Update Last Update	e: d By:	Sections 3 12Segmer ECLARK 12/30/2009 ECLARK 12/30/2009	ct includes several se 5, 1Segment 3: 2S, 1 at 6: 2S, 1E, Sections	E, Sections 1, 2		1: 1S, 1E, Sections 35, 36Segr 5, 1E, Sections 2, 12Segment 5	
 Narrative							
 Narrative Co Description: Comment:		Waste Lett generated Waste Lett	13, Bob Schwarz) This er of Authorization for during construction of er of Authorization ar	r onsite disposa f a 5-mile trail al	of 8,000 cubic ong a former s	EQ s Solid Waste Program, which yards of lightly contaminated street car line in Gladstone and tached.	oil. This soil would be
Created By: Created Date Last Update Last Update	d By:	BSCHWAF 01/04/2013 BSCHWAF 01/04/2013	3 ?				
<u>24</u>	1 of 1	N	0.20 / 1,081.46	277.12	15106 SE	G OIL TANK E OATFIELD RD KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-01-8286 10/24/2001 10/24/2001		Work (Region	Compl Dt: n:	12/26/2002 NWR	
<u>25</u>	1 of 1	NNW	0.21 / 1,089.86	236.35	15119 SE	G OIL TANK E KRONBERG AVE ND OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta		26-01-6745 08/16/2001 08/16/2001		Work (Region	Compl Dt: :	01/31/2002 NWR	
<u>26</u>	1 of 3	WNW	0.22 / 1,166.43	200.52	15340 SE	OLOR CENTER E MCLOUGHLIN BLVD KIE OR 97267	AST
Facility ID: Reported Ch EHS Facility Sprinkled: CAA 112R F PSM Facility: TRI Facility: TRI FID: RCRA ID: RMP Facility EHS Coord I	: acility: : : !ID:	009086 Y N N NO NO					

Site DB Map Key Number of Direction Distance Elev Records (mi/ft) (ft)

EHS Coord Last Name: **EHS Coord Email:**

15340 SE MCLOUGHLIN BLVD Location address:

Date Completed: 8/31/2015 Owner First Name: LOUIS **BOSS** Owner Last Name:

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 LOUIS **Emerg Contact First Name:** Emerg Contact Last Name: **BOSS**

Phone Day: Phone Day Ext:

Flag Status:

Rec Date: 9/4/2015 FDID: 0057

Fire Dept: CLACKAMAS CO FIRE DIST #1

5037308049

Dunbrad: Dept Div: Emerg Proc:

Placard: Ν Site Plan: Ν

Business Type: **RETAIL PAINT STORE**

Mail Date: 7/1/2016

Short Memo:

Site No: 01

Voluntary:

Email Address: LBOSSINC@YAHOO.COM

Placard Other:

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 FALSE** Unoccupied: NAICS 1: 444120

NAICS Desc 1: PAINT & WALLPAPER STORES

NAICS 2: 000000

NAICS Desc 2:

Chem Count: 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

ETHYLENE GLYCOL Haz Ingredient:

UNNA Number:

CAS Number: 107211

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Synonym 1:						
Synonym 2:						
Synonym 3:						
Synonym 4:						
Synonym 5: Synonym 6:						
Synonym 7:						
Synonym 8:						
NFPA Health	:					
NFPA Flamm						
NFPA Reacti						
NFPA Specia						
Appearance Haz Class 1:	Odor:	9.0				
Haz Class T.	esc 1·		Hazardous Materia	al		
Haz Class 2:		Micconariocaci	iazardodo matori	a.		
Haz Class De	esc 2:					
Haz Class 3:						
Haz Class De						
Hazard Rank	:	1				
EHS Chem: Toxic 313 Ch	omical:					
PSM Chem:	emicai.					
CAA 112R CI	nem:					
Pesticide:						
EPA Pest Reg	g:					
Contains 112						
Contains EH						
Contains 313 Contains PSI						
MSDS PDF:	VI.	PAINT_WATER	BASED PDF			
MSDS Name:	•	174141_W/(1214				
Chem Added		12/31/1999				
Fertilizer:						
MSDS Date:						
MSDS Proces	ssed:					
MSDS Vol: Plan Priority:	•	1 15				
Info Update L		7/1/2008				
EHS Ingredie		17172000				
EHS CĂS:						
Hazardous In	gredient:	ETHYLENE GL	YCOL			
Phys State: Phys Desc:		2 LIQUID				
Avg Code:		20				
Avg Amt:		1,000-4,999				
Max Code:		20				
Max Amt:		1,000-4,999				
Unit Measure) <i>:</i>	2				
Unit Desc:		GALLONS F				
Storage 1: Storage Type	1.	CAN				
Storage 2:	, ,,	0/114				
Storage Type	2:					
Pressure 1:		1				
Pressure Typ	e 1:	NORMAL PRES	SSURE			
Pressure 2:	•					
Pressure Typ	e 2:	4				
Temp 1: Temp Type 1		4 NORMAL TEMF	PERATURE			
Temp 2:	•	HORWINE I LIVII	LIGHTORE			
Temp Type 2	:					
Haz Class 1:		9.0				
Haz Class 1 L	Desc:	Miscellaneous F	Hazardous Materia	al		
Haz Class 2:	_					
Haz Class 2 L Haz Class 3:						

Haz Class 3:

Мар Кеу	Number Records		Distance (mi/ft)	Elev (ft)	Site		DB
Haz Class 3 D							
Days On Site:		365					
Trade Secret:		FALSE					
Subst Pure:		FALSE					
Subst Mix:		TRUE					
Contains EHS	i:	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 Che	emical:						
PSM Chem:							
CAA112R Che							
EPA Pest Reg	:						
Contains 112r							
Contains EHS							
Contains 313:							
Contains PSM	1:						
MSDS PDF:		PAINT_WAT	ER_BASED.PDF				
MSDS Name:							
Fertilizer:							
MSDS Vol:		1					
Plan Priority:		15					
UNNA Numbe							
CAS Number:		107211					
Hazard Rank:		1					
EHS Ingredien	nt:						
EHS CAS:							
<u>26</u>	2 of 3	WNW	0.22 / 1,166.43	200.52	15340 SE	NE STORE 3558/021954 MCLOUGHLIN BLVD KIE OR 97222	LUST
Log NO:		03-90-0254			ompl Dt:	09/24/1990	
Cleanup Rcvd		07/17/1990		Region	:	NWR	
Cleanup Start	Dt:	07/13/1990					
26	3 of 3	WNW	0.22 /	200.52	FIRESTO	NE #3556 - 021954	UST
_			1,166.43			MCLOUGHLIN BLVD KIE OR 97222	031
10-		7020		-	C4-4		
ID:		7839		Facility			
All Tank No:	-	1			ng Cert No:	For West States	
Active Tank N		4		Source		FacilitiesList.xlsx	
Decomm Tank		1		Phone:		(503)659-6606	
Permit Tank N	10:			Permitte	ee:	JEFF WICAL, MANAGER	
	4 - 60	•	0.00 /	405.00	DDAOTIO	AAA DENT A OAD	
<u>27</u>	1 of 2	S	0.23 / 1,231.32	165.63	16001 SE	AL RENT-A-CAR MCLOUGHLIN BLVD KIE OR 97222	LUST
Log NO:		03-90-0149		Work C	ompl Dt:	11/23/1990	
Cleanup Rcvd	I Dt:	04/25/1990		Region.		NWR	
Cleanup Start		04/25/1990					
<u>27</u>	2 of 2	S	0.23 / 1,231.32	165.63		AL USED CAR RENTAL MCLOUGHLIN	UST

Мар Кеу	Numbe Record		tion Distance (mi/ft)	Elev (ft)	Site		DB
					MILWAU	KIE OR 97267	
ID: All Tank No: Active Tank I Decomm Tar Permit Tank	No: nk No:	10342 1			•	FacilitiesList.xlsx (503) 659-5114 ROBERT FRIESEN	
28	1 of 1	wsw	0.23 / 1,237.38	175.87	15720 SE	OIL TANK ORVILLE AVE KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Star		03-02-5445 03/18/2002 03/18/2002		Work (Region	Compl Dt: i:	NWR	
29	1 of 1	NNE	0.24 / 1,242.26	294.47	15130 SE	OIL TANK Diamond Ln KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Star		03-15-0350 03/18/2015		Work (Region	Compl Dt: n:	NWR	
30	1 of 1	ENE	0.24 / 1,266.73	310.91	4141 SE (OIL TANK Concord Rd ND OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Star		26-07-0406 03/28/2007		Work (Region	Compl Dt: :	08/14/2007 NWR	
<u>31</u>	1 of 1	E	0.25 / 1,335.39	303.98	15433 SE	OIL TANK FRANCIS AVE KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Star	rd Dt: rt Dt:	03-04-1176 06/18/2004 06/21/2004		Work (Region	Compl Dt: o:	10/14/2004 NWR	
32	1 of 1	NE	0.26 / 1,379.74	313.68	4025 SE \	OIL TANK VIEW ACRES RD KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Star		03-06-0580 04/05/2006 04/06/2006		Work (Region	Compl Dt: n:	09/05/2006 NWR	
33	1 of 1	ESE	0.27 / 1,408.28	287.29	15650 SE	OIL TANK Oatfield Rd KIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Star		03-12-0314 03/29/2012		Work (Region	Compl Dt: :	01/23/2013 NWR	

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

Мар Кеу	Numbe Record		Distance (mi/ft)	Elev (ft)	Site		DB
<u>41</u>	1 of 1	E	0.30 / 1,597.91	306.21	15523 SE	G OIL TANK FRANCIS AVE KIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup Sta		03-06-1847 10/16/2006 10/17/2006		Work C Region	Compl Dt: :	12/11/2006 NWR	
42	1 of 1	E	0.31 / 1,612.85	307.13	15520 SE	G OIL TANK FRANCIS KIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup Sta		03-05-0357 02/28/2005 02/18/2005		Work C Region	Compl Dt: :	09/29/2005 NWR	
43	1 of 1	SE	0.31 / 1,614.61	207.83	16011 SE	G OIL TANK G HAROLD KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-97-0509 07/09/1997 06/18/1997		Work C Region	Compl Dt: :	02/19/1998 NWR	
44	1 of 1	ENE	0.31 / 1,615.75	333.24	4221 SE (G OIL TANK CONCORD RD KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-05-0748 04/12/2005 04/08/2005		Work C Region	Compl Dt: :	07/11/2005 NWR	
<u>45</u>	1 of 1	N	0.31 / 1,617.89	257.26	14821 SE	G OIL TANK GOATFIELD RD KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-01-6152 06/09/2001 06/07/2001		Work C Region	Compl Dt: :	08/07/2001 NWR	
<u>46</u>	1 of 1	ESE	0.31 / 1,618.11	288.53	15714 SE	OOL TANK OATFIELD RD KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-00-6363 11/15/2000 11/13/2000		Work C Region	Compl Dt: :	01/23/2001 NWR	
<u>47</u>	1 of 2	wnw	0.31 / 1,643.94	209.19		aners McLoughlin Blvd. ve OR 97267	CRL
Site ID: Legis Fund	Cd:	1156 831		Latitud Longitu		45.4144 -122.6305	

, ,	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site		DB
Display Order: FACA Identifies Study Area Flat Score Value: CERCLIS No: Tax Lots: Size: NPL?: Orphan?: Last Upd by Init. Created by Init. Created on Dt: Region Code! Region Code! Region: Brwnfild Cd ID: Brownfield Cd! Invest Status: Furth Act Prior Furth Code: Status: Details Alias name: Operation Deta Operation Com Process: Process Comm SIC Codes: Hazard Release Substance ID: Name: Alias Name: Description: Quantity: Dates Commen: Last Updated: Medium: Unit Code:	Records 0 r: 188 g: Fal Fal Fal Fal Fal Fal Fal Fal	97 Ise Ise Ise Ise Ise Ise Ise VISTAR /14/2014 DNV /18/1991 VR Orthwest Region 207 LIS Listed on the Co 0 0 0 LIS SITE INVESTIO Plaza 99 Shopp 132463 Active Valet Cleaners approx. 1967 to dry cleaners 47216 121781 TRICHLOROE TRI-CLENE unknown unknown 01/09/1992 Groundwater 8	(mi/ft) GRL/Inventory GATION ping Center	Lat Dec Lat Dec Lat Mir Lat Sec Long E Long S Geoloc County Town S Towns Range Range Section	cimal: grees: nutes: conds: lecimal: legrees: finutes: leconds: locode: locode: locode: locord: locord	45.4144 45 24 52.00 -122.6305 -122 37 50.00 1897 3.00 Clackamas 2.00 S 1.00 E 12	DB
Min Concentral Max Concentral Comment: Medium:		28.00 up to 28 ppb Groundwater					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date:	ntor: h:	8 False False True 27 ft bgs 07/27/1993				
Min Concent Max Concent Comment:		47.00 up to 47 ppb				
 Medium: Unit Code: Observation:		Sediment False				
Owner/Opera Lab Data: Sample Dept		False True				
Start Date: End Date: Min Concent Max Concent		07/27/1993 07/27/1993				
Comment: Release Com	umments	19 ppm 				
Release Com		 Media Contami Sediment samp				
 Hazard Relea	ise		ne nom distern.			
Substance IE Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated	ent: I:	121781 TRICHLOROE TCE unknown unknown 01/09/1992	ΓHYLENE			
 Sampling Re 	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent:	ntor: h: ration:	Groundwater 8 False False True 25 ft bgs 07/10/1992 07/10/1992 28.00 up to 28 ppb				
Medium: Unit Code: Observation:		Groundwater 8 False False				
Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent	h:	True 27 ft bgs 07/27/1993 07/27/1993				
Max Concent Comment:		47.00 up to 47 ppb				
Medium: Unit Code:		Sediment				

False

Observation:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent Max Concent						
Comment:	uauon.	19 ppm				
Release Con	nmments					
Release Con	nment:		nation Footnote			
Comment:		Sediment samp	ole from cistern.			
Hazard Relea	ase					
Substance IL) <i>:</i>	121781				
Name:		TRICHLOROE				
Alias Name:		ETHYLENE TR	RICHLORIDE			
Description:		unknown				
Quantity: Dates Comm	ont:	unknown				
Last Updated		01/09/1992				
Last Updated		01/00/1002				
	. _ ,.					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	ator:	False				
Lab Data: Sample Dept	h.	True 25 ft bgs				
Start Date:	11.	07/10/1992				
End Date:		07/10/1992				
Min Concent	ration:					
Max Concen	tration:	28.00				
Comment:		up to 28 ppb 				
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept Start Date:	n:	27 ft bgs 07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:	0172171000				
Max Concen		47.00				
Comment:		up to 47 ppb				
Medium:		Sediment				
Unit Code:						
Observation:		False				
Owner/Opera	ator:	False				
Lab Data:	ı.	True				
Sample Dept	n:	07/27/4002				
Start Date: End Date:		07/27/1993 07/27/1993				
Min Concent	ration:	01/21/1333				
Max Concent						
Comment:	-	19 ppm				
		''				
Release Con	nmments					
Release Con	nment:		nation Footnote			
Comment:		Sediment samp	ole from cistern.			

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

Hazard Release

Substance ID: 121781

TRICHLOROETHYLENE Name: Alias Name: ETHINYL TRICHLORIDE

Description:

Quantity: unknown Dates Comment: unknown Last Updated: 01/09/1992

Last Updated By:

Sampling Result

Medium: Groundwater

Unit Code: 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:

28.00 Max Concentration:

up to 28 ppb Comment:

Medium: Groundwater

Unit Code: 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:

07/27/1993 Start Date: End Date: 07/27/1993

Min Concentration: Max Concentration:

Comment:

19 ppm

Release Commments

Media Contamination Footnote Release Comment: Comment: Sediment sample from cistern.

Hazard Release

121781 Substance ID:

TRICHLOROETHYLENE Name: Alias Name: TRICHLOROETHENE

Description:

unknown Quantity: unknown Dates Comment: Last Updated: 01/09/1992

Last Updated By:

Sampling Result

Medium: Groundwater

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Unit Code: Observation:		8 False				_
Owner/Opera	itor:	False				
Lab Data:		True				
Sample Dept	h:	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent						
Max Concent	tration:	28.00				
Comment: 		up to 28 ppb				
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	itor:	False				
Lab Data:		True				
Sample Dept	n:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent		47.00				
Max Concent	tration:	47.00				
Comment:		up to 47 ppb				
Medium: Unit Code:		Sediment				
Observation:	•	False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:					
Max Concent	tration:					
Comment:		19 ppm				
 Release Com	nments					
Release Con Comment:	nment:	Media Contamii Sediment samp				
Hazard Relea	ase					
Substance II) <i>:</i>	121011				
Name:		TETRACHLOR	OETHYLENE			
Alias Name:			OETHYLENE,1,1	,2,2-		
Description:						
Quantity:		unknown				
Dates Comm		unknown				
Last Updated		01/09/1992				
Last Updated	d By:					
Sampling Re	sult					
 Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
		False				
Owner/Opera Lab Data:	iioi.	True				
Sample Dept	h-	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent	ration:	21. 10, 100 2				
Max Concent		620.00				
Comment:		up to 620 ppb				
 Medium:		 Groundwater				
Unit Code:		8				
Observation:		6 False				
Justi valitii.	i	1 0100				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Owner/Opera	tor:	False				
Lab Data:		True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent						
Max Concent Comment:	ration:	160.00 up to 160 ppb				
Medium: Unit Code:		Sediment				
Observation:		False				
Owner/Opera	tor:	False				
Lab Data:		True				
Sample Dept	h:	0=/0=//000				
Start Date:		07/27/1993				
End Date: Min Concent	ration	07/27/1993				
Max Concent						
Comment:	.uuon.	91 ppm				
Release Com	mments					
Release Com Comment:	ment:	Media Contami Sediment samp				
 Hazard Relea	se					
Substance ID) <u>:</u>	 121011				
Name:		TETRACHLOR	OETHYLENE			
Alias Name:		TETRACHLOR	OETHENE			
Description:						
Quantity:		unknown				
Dates Comm		unknown				
Last Updated Last Updated		01/09/1992				
	ъ.					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	tor:	False True				
Lab Data: Sample Dept	h·	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent	ration:					
Max Concent	ration:	620.00				
Comment:		up to 620 ppb 				
Medium:		Groundwater				
Unit Code:		8 False				
Observation: Owner/Opera		False				
Lab Data:	itor.	True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent		400.0-				
Max Concent	ration:	160.00				
Comment:		up to 160 ppb				
Medium:		Sediment				
Unit Code: Observation:		False				
Observation: Owner/Opera		False				
Lab Data:		True				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Sample Dept Start Date: End Date: Min Concent Max Concent	ration:	07/27/1993 07/27/1993				
Comment:		91 ppm 				
Release Com	nmments					
Release Com Comment:	nment:	Media Contamii Sediment samp				
Hazard Relea	ise					
Substance II Name: Alias Name: Description: Quantity: Dates Comm Last Updated	ent: I:	121011 TETRACHLOR PERCLENE unknown unknown 01/09/1992	OETHYLENE			
 Sampling Re	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent Medium: Unit Code: Observation: Owner/Opera	ntor: h: ration: tration:	Groundwater 8 False False True 25 ft bgs 07/10/1992 07/10/1992 620.00 up to 620 ppb Groundwater 8 False False				
Lab Data: Sample Dept Start Date: End Date:	h:	True 27 ft bgs 07/27/1993 07/27/1993				
Min Concent Max Concent Comment:		160.00 up to 160 ppb				
Medium: Unit Code: Observation:		Sediment False				
Owner/Opera Lab Data: Sample Dept	ntor:	False True				
Start Date: End Date: Min Concent Max Concent Comment:		07/27/1993 07/27/1993 91 ppm				
	ummonto	91 ppm				
Release Com Release Com		 Media Contami				
Comment:		Sediment samp	le from cistern.			

Hazard Release

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Substance ID	:	121011				
Name:		TETRACHLOR	OETHYLENE			
Alias Name:		PERCHLOROE	THYLENE			
Description:						
Quantity:		unknown				
Dates Commo	ent:	unknown				
Last Updated		01/09/1992				
Last Updated						
	- y.					
Sampling Res	sult					
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	tor:	False				
Lab Data:		True				
Sample Depti	n:	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concenti	ation:					
Max Concent		620.00				
Comment:		up to 620 ppb				
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	tor·	False				
Lab Data:		True				
Sample Depti	'n.	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concenti	ation:	0172171000				
Max Concent		160.00				
Comment:	44.07.11	up to 160 ppb				
Medium:		Sediment				
Unit Code:		•				
Observation:		False				
Owner/Opera	tor:	False				
Lab Data:		True				
Sample Depti	h:					
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concenti	ation:	0172171000				
Max Concent						
Comment:	44.07.11	91 ppm				
Release Com	mments					
Release Com	ment:	Media Contamir	nation Footnote			
Comment:		Sediment samp				
Hazard Relea	se					
Substance ID	:	121011				
Name:		TETRACHLOR	OETHYLENE			
Alias Name:		ETHYLENE TE				
Description:		/ _				
Quantity:		unknown				
Dates Commo	ant.	unknown				
Last Updated		01/09/1992				
		01/00/1332				
Last Updated	Бy.					
Sampling Da	sult					
Sampling Res	ouit					

Groundwater 8 False

Medium: Unit Code:

Observation:

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	h:	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent		000.00				
Max Concent	tration:	620.00				
Comment:		up to 620 ppb				
Medium:		Groundwater				
Unit Code:		8				
Observation	•	False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	rh:	27 ft bgs				
Start Date: End Date:		07/27/1993 07/27/1993				
Min Concent	ration:	01/21/1000				
Max Concent		160.00				
Comment:		up to 160 ppb				
Medium:		Sediment				
Unit Code:	-	False				
Observation: Owner/Opera		False False				
Lab Data:	4.VI.	True				
Sample Dept	h:					
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent						
Max Concent	tration:	01 nnm				
Comment:		91 ppm 				
Release Con	nmments					
						
Release Con	nment:	Media Contamir				
Comment:		Sediment samp	ie from cistern.			
 Hazard Relea	356					
	150					
Substance IL	D:	121011				
Name:		TETRACHLOR				
Alias Name:		ETHENE,TETR	ACHLORO-			
Description:		unknown				
Quantity: Dates Comm	ent-	unknown unknown				
Last Updated		01/09/1992				
Last Updated						
Sampling Re	sult					
		 Croundwater				
Medium: Unit Code:		Groundwater 8				
Observation:	•	o False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:	25 ft bgs				
Start Date:		07/10/1992				
End Date:	vation.	07/10/1992				
Min Concent Max Concent		620.00				
Comment:	u auvii.	up to 620 ppb				
Medium:		Groundwater				
Unit Code:		8				
Observation.		False				
Owner/Opera Lab Data:	ator:	False True				
Lav Vala:		Hue				

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Sample Dept Start Date: End Date: Min Concent Max Concent Comment:	ration:	27 ft bgs 07/27/1993 07/27/1993 160.00 up to 160 ppb				
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent:	ntor: h: ration:	Sediment False False True 07/27/1993 07/27/1993				
Release Com	mments					
Release Com Comment:	ment:	Media Contamir Sediment samp				
Hazard Relea	se					
Substance IE Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated	ent: I:	121011 TETRACHLORO	DETHYLENE DETHENE,1,1,2,2	-		
 Sampling Re	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent Comment:	ntor: h: ration:	Groundwater 8 False False True 25 ft bgs 07/10/1992 07/10/1992 620.00 up to 620 ppb				
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent	ntor: h: ration:	Groundwater 8 False False True 27 ft bgs 07/27/1993 07/27/1993				
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date:	tor:	Sediment False False True 07/27/1993				

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) End Date: 07/27/1993 Min Concentration: Max Concentration: Comment: 91 ppm Release Commments Release Comment: Media Contamination Footnote Comment: Sediment sample from cistern. Admin Action Details 9438 Action Code: 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: 05/08/1996 05/08/1996 Completion Date: 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 Headquarters 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: 10/04/1995 Start Date: Completion Date: 10/04/1995 SAS Sub Program Code: Rank Val: Primary Action: False Clean Up Report: False Comment: Last Updated By: ars Last Updated: 10/04/1995 Created By: Created Date: 12/17/2002

Order No: 20170116098

Emp ID: 301

Admin Region: Headquarters

Admin Further Action Priority:

Action Code: 9465 Action Category:

Action: Facility proposed for Confirmed Release List

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 02/28/1996 Completion Date: 02/28/1996 Sub Program Code: SAS Rank Val: 0 **Primary Action:** False

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

Clean Up Report:

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

False

 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:12/17/2002Emp ID:228Admin 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:

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

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

PRELIMINARY ASSESSMENT EQUIVALENT Action:

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

09/01/1992 Start Date: Completion Date: 09/01/1992 Sub Program Code: SAS

Rank Val:

Primary Action: False False Clean Up Report:

Comment: Phase I and II Environmental Site Assessments.

Last Updated By: **KDANA** Last Updated: 05/22/2003

Created By:

12/17/2002 Created Date: 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 False Primary Action: 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: Primary Action: False Clean Up Report: False

Comment:

Last Updated By: dmc

Last Updated: 02/07/1995

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

Created By:

Created Date: 12/17/2002 Emp ID: 649 Admin Region: Headquarters

Admin Further Action Priority:

Action Code: 9498 LIST Action Category:

Action: Proposal for Confirmed Release List recommended

Active: True Req Priority Code:

Agency: Department of Environmental Quality

Further Action Priority Code:

08/31/1993 Start Date: Completion Date: 08/31/1993 SAS Sub Program Code: Rank Val: 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:

9437 Action Code: Action Category: LIST

Action: Listing Review completed

Active: True

Req Priority Code:

Agency: Department of Environmental Quality

Further Action Priority Code:

08/30/1993 Start Date: Completion Date: 08/30/1993 Sub Program Code: SAS Rank Val: **Primary Action:** False Clean Up Report: False

Comment:

Last Updated By: dmc

01/18/1995 Last Updated: Created By: Created Date: 12/17/2002 Emp ID: 301

Admin Region: Headquarters

Admin Further Action Priority:

Action Code:

9519 Action Category: RA

VCS Waiting List Action:

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

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 Direction Distance Elev Site DB Records (mi/ft) (ft)

 Created Date:
 08/15/2005

 Emp ID:
 2081

Admin Region: Northwest Region

Admin Further Action Priority: 0
-Action Code: 9511

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 MTP 3/12/12N

MTP 3/12/12Numerous 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 riskbased 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 concetnrations 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 decreaed to within acceptable levels. DEQ is continuing monitoring to ensure conditions remain protective.

 Created By:
 12/17/2002

 Created Date:
 12/17/2002

 Last Updated By:
 MPUGH

 Last Updated:
 03/12/2012

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Narrative

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Narrative Code: 1901

Description: Data Sources

Description: Data Source **Comment:** 1) July 1989

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).

Created By:

Comment:

 Created Date:
 12/17/2002

 Last Updated By:
 MPUGH

 Last Updated:
 03/12/2012

-- Narrative

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Narrative Code: 1902

Description: General Site Description

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

Order No: 20170116098

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

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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:

Narrative

Created Date: 12/17/2002 Last Updated By: GWISTAR

Number of Direction Distance Site DB Map Key Elev Records (mi/ft) (ft)

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** 05/22/2003 Created Date: Last Updated By: **GWISTAR** Last Updated: 12/22/2003

Narrative

Narrative Code: 1907

Manner of Release Description:

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 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** 05/22/2003 Created Date: Last Updated By: **KDANA** Last Updated: 05/22/2003

Narrative

Created By:

Narrative Code: 1911

Description: Pathways & Other Hazards

The site is located in the unincorporated community of Oak Grove. The surrounding area is primarily commercial, Comment:

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

Remedial Action Description:

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 DEQIs 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 3/12/12To address elevated contaminating concetnrations 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 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 decreaed to within acceptable levels. DEQ is continuing monitoring to ensure conditions remain protective.

 Created By:
 12/17/2002

 Created Date:
 12/17/2002

 Last Updated By:
 MPUGH

 Last Updated:
 03/12/2012

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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 intrustion of PCE to indoor air. DEQ installed a vapor collection system that has reducted indoor air levels, but some PCE and TCE levels persisted above risk-based concentrations (RBCs). In Nobvember 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 on Dt:

Last Update Dt:

Site Alias Name:

Range Coord:

Section Coord:

Qtr Sec Coord:

Display Order:

Lat Decimal:

Lat Degrees:

Lat Minutes:

Lat Seconds:

Long Decimal:

Long Degrees:

Long Minutes:

Long Seconds:

Range Zone:

12/18/1991

07/14/2014

1.00

Ε

12

0 45.4144

45

24

52.00

-122

50.00

37

-122.6305

Order No: 20170116098

Created By:

 Created Date:
 12/17/2002

 Last Updated By:
 MPUGH

 Last Updated:
 03/12/2012

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47 2 of 2 WNW 0.31 / 209.19 Valet Cleaners 15020 SE McLoughlin Blvd. ECSI Oak Grove OR 97267

Site ID: 1156

Investi Status: Listed on the CRL/Inventory

Furth Act Priority: 0

CERCLIS NO:

NPL?: False
Legis Fund Code: 831
Brownfield Desc: 0
Study Area Flag: False

Orphan Flag: False Score Value: Tax Lots:

FACA Identifier: 1897

County Name:

Size:

Region: Northwest Region

Town S Coord: 2.00
Township Zone: S

Operation Details

-

Operation ID:132463Operation Status:ActiveCommon Name:Valet Cleaners

Years of Operation: approx. 1967 to present

Operation Comment: dry cleaners

Process:

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Process Con SIC Codes:	nments:	7216				
 Hazard Relea	ase					
Substance IE	٦.	 121781				
Name:	<i>,</i> .	TRICHLOROE	THVI ENE			
Alias Name:		TRI-CLENE	IIIILLINL			
Description:		INFOLLINE				
Quantity:		unknown				
Dates Comm	ont	unknown				
Last Updated		01/09/1992				
		01/09/1992				
Last Updated	д Бу.					
Sampling Re	cult					
	Suit					
 Medium:		Groundwater				
Unit Code:		8				
Observation:	:	False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent	ration:					
Max Concent	tration:	28.00				
Comment:		up to 28 ppb 				
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent		47.00				
Max Concent	tration:	47.00				
Comment:		up to 47 ppb 				
Medium: Unit Code:		Sediment				
Observation:		False				
Observation. Owner/Opera		False				
Lab Data:	itor.	True				
Sample Dept	h:					
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent						
Max Concent	tration:					
Comment:		19 ppm				
 Release Com	nmments					
 D-/		Madia Cantani	matian Foot			
Release Com	iment:		nation Footnote			
Comment:		Sediment samp	ole from cistern.			
Hazard Relea	130					
Substance IE):	121781				
Name:		TRICHLOROE	THYLENE			
Alias Name:		TCE				
Description:						
Quantity:		unknown				
Dates Comm	ent:	unknown				
Last Updated		01/09/1992				
Last Updated						

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

Sampling Result

Groundwater Medium:

Unit Code: Observation: False Owner/Operator: False Lab Data: True Sample Depth: 25 ft bgs Start Date: 07/10/1992 07/10/1992 End Date:

Min Concentration: Max Concentration: 28.00 up to 28 ppb Comment:

Medium: Groundwater

Unit Code: Observation: False Owner/Operator: False True Lab Data: Sample Depth: 27 ft bgs 07/27/1993 Start Date: 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 Commments

Release Comment: Media Contamination Footnote Sediment sample from cistern. Comment:

Hazard Release

Substance ID: 121781

TRICHLOROETHYLENE Name: Alias Name: ETHYLENE TRICHLORIDE

Description:

Quantity: unknown Dates Comment: unknown Last Updated: 01/09/1992

Last Updated By:

Sampling Result

Medium: Groundwater

Unit Code: Observation: False Owner/Operator: False Lab Data: True 25 ft bgs Sample Depth: Start Date: 07/10/1992 End Date: 07/10/1992

Min Concentration:

Max Concentration: 28.00 Comment: up to 28 ppb

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera		False				
Lab Data:	itor.	True				
Sample Dept	h.	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent	votion.	07/27/1993				
		47.00				
Max Concent	ration.					
Comment:		up to 47 ppb 				
Medium:		Sediment				
Unit Code:		Talaa				
Observation:		False				
Owner/Opera	itor:	False				
Lab Data:		True				
Sample Dept	n:	07/07/4000				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent						
Max Concent	tration:					
Comment:		19 ppm				
 Release Com	nmments					
		Marilla Oantana'				
Release Com	iment:		nation Footnote			
Comment:		Sediment samp	ole from cistern.			
 Hazard Relea	ise					
Cubatanaa II		404704				
Substance IE):	121781				
Name:		TRICHLOROE				
Alias Name:		ETHINYL TRIC	HLORIDE			
Description:						
Quantity:		unknown				
Dates Comm		unknown				
Last Updated		01/09/1992				
Last Updated	l By:					
	•					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept	h:	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent	ration:					
Max Concent	tration:	28.00				
Comment:		up to 28 ppb 				
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:					
Max Concent		47.00				
Comment:	-	up to 47 ppb				

up to 47 ppb

Sediment

Comment:

Medium:

Unit Code:

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent	ntor: h: ration:	False False True 07/27/1993 07/27/1993				
Release Con	nmments					
Release Con Comment: 	nment:	Media Contamii Sediment samp				
Hazard Relea	ise					
Substance IL Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated	ent: I: I By:	121781 TRICHLOROET TRICHLOROET unknown unknown 01/09/1992				
Sampling Re	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent	ntor: h: ration:	Groundwater 8 False False True 25 ft bgs 07/10/1992 07/10/1992 28.00 up to 28 ppb				
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date:	ntor:	Groundwater 8 False False True 27 ft bgs 07/27/1993				
End Date: Min Concent Max Concent Comment:		07/27/1993 47.00 up to 47 ppb				
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent	ntor: h: ration:	Sediment False False True 07/27/1993 07/27/1993				
 Release Con	nmments					
 Release Con Comment:	nment:	Media Contamii Sediment samp				

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Hazard Release

Substance ID: 121011

Name: TETRACHLOROETHYLENE

Alias Name: TETRACHLOROETHYLENE,1,1,2,2-

Description:

Quantity:unknownDates Comment:unknownLast 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:
Comment:

160.00
up to 160 ppb

-

Medium: Sediment

Unit Code:

Observation:FalseOwner/Operator:FalseLab Data:True

Sample Depth:

 Start Date:
 07/27/1993

 End Date:
 07/27/1993

Min Concentration: Max Concentration:

Comment: 91 ppm

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Release Commments

Release Comment: Media Contamination Footnote
Comment: Sediment sample from cistern.

Hazard Release

Substance ID: 12101

Name: TETRACHLOROETHYLENE
Alias Name: TETRACHLOROETHENE

Description:

Quantity:unknownDates Comment:unknownLast Updated:01/09/1992

Last Updated By:

asi opualeu by. --

Sampling Result

Map Key	Number of	Direction	Distance	Elev	Site	DB
,,	Records		(mi/ft)	(ft)		
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h·	25 ft bgs				
Start Date:	•••	07/10/1992				
End Date:		07/10/1992				
Min Concent	ration:					
Max Concent		620.00				
Comment:		up to 620 ppb				
Medium:		Groundwater				
Unit Code:		8				
Observation:	•	False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent						
Max Concent	tration:	160.00				
Comment:		up to 160 ppb				
 Modium:		 Sediment				
Medium:		Seument				
Unit Code:		False				
Observation: Owner/Opera		False				
Lab Data:	itor.	True				
Sample Dept	h.	Tiue				
Start Date:	11.	07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:	01/21/1000				
Max Concent						
Comment:		91 ppm				
Release Con	nmments					
Release Con	nment:	Media Contamina				
Comment:		Sediment sample	e from cistern.			
Hazard Relea	ise					
 Substance IL	١٠	 121011				
Name:	<i>,</i> .	TETRACHLORO	ETHYLENE			
Alias Name:		PERCLENE	- IIII LLINL			
Description:		LINGLLINE				
Quantity:		unknown				
Dates Comm	ent:	unknown				
Last Updated		01/09/1992				
Last Updated		3., 33, 1002				
	•					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	itor:	False				
Lab Data:	h.	True				
Sample Dept Start Date:	II.	25 ft bgs 07/10/1992				
End Date:		07/10/1992				
Min Concent	ration:	01/10/1332				
Max Concent		620.00				
Comment:		up to 620 ppb				
Modium		Croundwater				

Groundwater

Medium:

Unit Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Observation:		False				
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date: Min Concent	ration:	07/27/1993				
Max Concent		160.00				
Comment:	addon.	up to 160 ppb				
Medium:		Sediment				
Unit Code:						
Observation:		False				
Owner/Opera	itor:	False				
Lab Data: Sample Dept	h:	True				
Start Date:	н.	07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:					
Max Concent	tration:					
Comment:		91 ppm				
 Release Com						
Release Coll	imments					
Release Com	ment:	Media Contami	nation Footnote			
Comment:		Sediment samp	le from cistern.			
 Hazard Relea	ise					
Substance IE) <i>:</i>	121011				
Name:		TETRACHLOR				
Alias Name: Description:		PERCHLOROE	INTLENE			
Quantity:		unknown				
Dates Comm	ent:	unknown				
Last Updated		01/09/1992				
Last Updated	l By:					
Sampling Re	sult					
 Medium:		Groundwater				
Unit Code:		8				
Observation:	•	False				
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept	h:	25 ft bgs				
Start Date: End Date:		07/10/1992 07/10/1992				
Min Concent	ration:	07/10/1992				
Max Concent		620.00				
Comment:		up to 620 ppb				
 Medium:		 Groundwater				
Unit Code:		8				
Observation:		False				
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date: Min Concent	ration:	07/27/1993				
Max Concent		160.00				
Comment:		up to 160 ppb				
Medium:		Sediment				
Unit Code:		Folo:				
Observation: Owner/Opera		False False				
Owner/Opera		ı ผเง ธ				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Lab Data:	i la a	True				
Sample Dept Start Date:	11.	07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:					
Max Concen	tration:					
Comment:		91 ppm 				
Release Con	nmments					
Release Con	nment:	Media Contami	nation Footnote			
Comment:		Sediment samp	le from cistern.			
 Hazard Relea	ase					
Substance IL).	 121011				
Name:		TETRACHLOR	OETHYLENE			
Alias Name:		ETHYLENE TE	TRACHLORIDE			
Description:						
Quantity:		unknown				
Dates Comm		unknown				
Last Updated Last Updated		01/09/1992				
Lasi Opualei	г Бу.					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code:		8				
Observation:		False False				
Owner/Opera Lab Data:	itor:	True				
Sample Dept	h:	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent						
Max Concent	tration:	620.00				
Comment:		up to 620 ppb 				
Medium:		Groundwater				
Unit Code:		8				
Observation.		False				
Owner/Opera Lab Data:	itor:	False True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent		400.00				
Max Concent Comment:	tration:	160.00 up to 160 ppb				
Medium:		Sediment				
Unit Code:						
Observation:		False				
Owner/Opera Lab Data:	itor:	False True				
Sample Dept	h:	Truc				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent						
Max Concent Comment:	tration:	91 ppm				
						
Release Con	nmments					
 Release Con	ment·	 Media Contami	nation Footnote			
Comment:	mione.	Sediment samp				
Hamand Dala						

Hazard Release

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

Order No: 20170116098

Groundwater

unknown

01/09/1992

Medium:

Unit Code:

Dates Comment:

Last Updated: Last Updated By: --Sampling Result

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Observation		False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	h:	25 ft bgs				
Start Date:		07/10/1992				
End Date:		07/10/1992				
Min Concent						
Max Concent	tration:	620.00				
Comment:		up to 620 ppb				
		 Groundwater				
Medium: Unit Code:		8				
Observation:		False				
Owner/Opera		False				
Lab Data:	nor.	True				
Sample Dept	h:	27 ft bgs				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:					
Max Concent	tration:	160.00				
Comment:		up to 160 ppb				
Medium:		Sediment				
Unit Code: Observation:		False				
Owner/Opera		False				
Lab Data:	itor.	True				
Sample Dept	h·	1100				
Start Date:		07/27/1993				
End Date:		07/27/1993				
Min Concent	ration:					
Max Concent	tration:					
Comment:		91 ppm				
 Release Con	nmments					
 Release Con	ımont:	 Media Contamir	nation Footpote			
Comment:	iment:	Sediment samp				
			ic from distorn.			
Admin Action	n Details					
Action Code.		9438				
Action Categ	ory:	LIST				
Action:			on Confirmed Rele	ease List		
Active:	0-4-	True				
Req Priority	Coae:	False	Environmental O.	ality		
Agency:	on Priority Code:	0	Environmental Qu	anty		
Start Date:	i mornty doue.	05/08/1996				
Completion I	Date:	05/08/1996				
Sub Program		SAS				
Rank Val:		-				
Primary Action	on:	False				
Clean Up Re	port:	False				
Comment:						
Last Updated		KDANA				
Last Updated	d:	05/22/2003				
Created By:		10/17/0000				
Created Date) <u>;</u>	12/17/2002 649				
Emp ID: Admin Regio	n.	649 Headquarters				
	er Action Priority:	0				
	o. Addon'i Honly.					
Action Code	;	9465				
Action Categ	ory:	LIST				
Action:			d for Confirmed R	Release List		
Active:	0-4-	True				
Req Priority	Coae:	False				

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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:
 False

Last Updated By:

 Last Updated:
 10/04/1995

 Created By:
 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

ars

Active: True

Req Priority Code: Fals

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:
 12/17/2002

 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:
 12/17/2002

 Created Date:
 12/17/2002

 Emp ID:
 228

Emp ID:228Admin Region:HeadquartersAdmin Further Action Priority:Medium

Action Code: 9424 Action Category: 94DIN

Action: Site added to database

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) Start Date: 12/18/1991 Completion Date: SAS Sub Program Code: Rank Val: 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 Reg 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: False Primary Action: 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 RA Action Category: Action: PRELIMINARY ASSESSMENT EQUIVALENT Active: True Req Priority Code: False Agency: Department of Environmental Quality Further Action Priority Code: Start Date: 09/01/1992 Completion Date: 09/01/1992 Sub Program Code: SAS Rank Val: Primary Action: False Clean Up Report: False Phase I and II Environmental Site Assessments. Comment: 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: Action Code: 9425 Action Category: RA SITE EVALUATION Action: Active: True

Order No: 20170116098

02/26/1992

02/26/1992

Department of Environmental Quality

Start Date: Completion Date:

Agency:

Req Priority Code:

Further Action Priority Code:

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Sub Program	Code:	SAS				
Rank Val:		0				
Primary Action	on:	False				
Clean Up Rep Comment:	oort:	False				
Last Updated	By:	kpd				
Last Updated	l:	03/27/1996				
Created By:		40/47/0000				
Created Date	:	12/17/2002				
Emp ID: Admin Regio	n.	649 Headquarters				
	er Action Priority:					
Action Code:		9497				
Action Categorial		RA				
Action:	,.		essment Equivale	nt recommen	ded (PAE)	
Active:		True	·		, ,	
Req Priority (Code:	False				
Agency:		Department of E	invironmental Qua	ality		
	n Priority Code:	02/26/4000				
Start Date: Completion D	lato:	02/26/1992 02/26/1992				
Sub Program		02/26/1992 SAS				
Rank Val:	0000.	0				
Primary Action	on:	False				
Clean Up Rep	ort:	False				
Comment:						
Last Updated Last Updated	•	dmc 02/07/1995				
Created By:	•	02/01/1333				
Created Date	:	12/17/2002				
Emp ID:		649				
Admin Region Admin Further	n: er Action Priority:	Headquarters				
-						
Action Code:		9498				
Action Category Action:	ory:	LIST	nfirmed Release L	ist rocommor	odod	
Active:		True	illillieu Nelease I	_ist recomme	iueu	
Req Priority (Code:	False				
Agency:		Department of E	nvironmental Qua	ality		
	n Priority Code:					
Start Date:		08/31/1993				
Completion E Sub Program	vate: Codo:	08/31/1993 SAS				
Rank Val:	Code.	0				
Primary Action	on:	False				
Clean Up Rep		False				
Comment:	_					
Last Updated		dmc				
Last Updated	:	01/18/1995				
Created By: Created Date		12/17/2002				
Emp ID:	•	301				
Admin Regio		Headquarters				
Admin Furthe	er Action Priority:					
Action Code:		9437				
Action Categ	ory:	LIST	and the state of			
Action:		Listing Review of	completed			
Active: Req Priority (Code:	True False				
Agency:	Joue.		invironmental Qua	ality		
	n Priority Code:	,		•		
Start Date:		08/30/1993				
Completion D		08/30/1993				
Sub Program Rank Val:	Coae:	SAS 0				
Naiin Val.		J				

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

Primary Action: False
Clean Up Report: False

Comment:

Last Updated By: dmc Last Updated: 01/18/1995

Created By:

Created Date:12/17/2002Emp ID:301Admin 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:
 VCP

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:

Start Date: 11/01/2005

Completion Date:

Sub Program Code:DCRank Val:TruePrimary Action:TrueClean 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 3/12/12Numerous 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

Number of

Records

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 riskbased 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 concetnrations 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 decreaed to within acceptable levels. DEQ is continuing monitoring to ensure conditions remain protective.

 Created By:
 12/17/2002

 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 S

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).

Order No: 20170116098

Created By:

 Created Date:
 12/17/2002

 Last Updated By:
 MPUGH

 Last Updated:
 03/12/2012

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

Narrative

Narrative Code: 1902

Description: General Site Description

Comment: General Site Description:

Valet Cleaners operates

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

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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

Order No: 20170116098

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 Code: 1911

Number of Direction Distance Site DB Map Key Elev Records (mi/ft) (ft)

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 DEQIs 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 3/12/12To address elevated contaminatn concetnrations 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 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 decreaed 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

Health Threats Description:

Shallow groundwater is not used for drinking water at the site or in the immediate vicinity where groundwater has Comment: been impacted. The primary threat at the site vapor intrustion of PCE to indoor air. DEQ installed a vapor collection system that has reducted indoor air levels, but some PCE and TCE levels persisted above risk-based concentrations (RBCs). In Nobvember 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

Order No: 20170116098

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

Мар Кеу	Numbe Recore		Distance (mi/ft)	Elev (ft)	Site	DB
<u>48</u>	1 of 1	Е	0.32 / 1,675.16	309.09	HEATING OIL TAN 15525 SE Francis A MILWAUKIE OR 97	ive
Log NO: Cleanup Rc Cleanup Sta		03-16-1287 09/28/2016		Work (Region	Compl Dt: : NWR	
<u>49</u>	1 of 1	ENE	0.32 / 1,688.00	327.98	HEATING OIL TAN 15226 SE Meadowl MILWAUKIE OR 97	ark Ln LUST
Log NO: Cleanup Rc Cleanup Sta		03-11-0386 05/02/2011		Work (Region	- P	/2011
<u>50</u>	1 of 1	NW	0.32 / 1,697.80	227.54	HEATING OIL TAN 14912 SE Kronberg MILWAUKIE OR 97	Ave
Log NO: Cleanup Rc Cleanup Sta		03-04-2289 11/12/2004 11/15/2004		Work (Region		/2014
<u>51</u>	1 of 1	ENE	0.33 / 1,720.35	325.59	HEATING OIL TAN 15301 SE Meadowl PORTLAND OR 972	ark Ln LUST
Log NO: Cleanup Rc Cleanup Sta		03-11-0562 06/06/2011		Work Compl Dt: 09/02/2011 Region: NWR		
<u>52</u>	1 of 1	sw	0.33 / 1,730.41	147.76	HEATING OIL TAN 3208 SE Concord F MILWAUKIE OR 97	Rd
Log NO: Cleanup Rc Cleanup Sta		03-09-0585 06/30/2009		Work C Region		/2010
<u>53</u>	1 of 1	N	0.33 / 1,733.26	286.67	HEATING OIL TAN 3945 SE Oatfield C PORTLAND OR 972	t
Log NO: Cleanup Rc Cleanup Sta		03-06-1904 10/26/2006		Work C Region	- P	/2007
<u>54</u>	1 of 1	E	0.33 / 1,738.16	314.02	HEATING OIL TAN 4457 SE ROBIN RD OAK GROVE OR 9	LUST
Log NO: Cleanup Rc Cleanup Sta		03-94-5274 12/23/1994		Work C Region	Compl Dt: : NWR	

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

Мар Кеу	Numbe Record		Distance (mi/ft)	Elev (ft)	Site	DB
<u>62</u>	1 of 1	E	0.35 / 1,860.91	317.73	HEATING OIL TANK 15405 SE MEADOWLARK LN MILWAUKIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-99-0266 03/19/1999 03/19/1999		Work C Region	Compl Dt: 02/03/2000 : NWR	
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: Cleanup Ro Cleanup St		03-96-0750 12/30/1996 12/30/1996		Work C Region	Compl Dt: 01/13/2006 : NWR	
<u>64</u>	1 of 1	NNW	0.36 / 1,892.40	247.53	HEATING OIL TANK 3775 SE McCartney Ln MILWAUKIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-06-1929 10/20/2006		Work C Region	Compl Dt: 02/07/2007 : NWR	
<u>65</u>	1 of 1	NNE	0.36 / 1,911.77	329.21	HEATING OIL TANK 4112 SE RISLEY MILWAUKIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-99-0396 04/23/1999		Work O Region	Compl Dt: : NWR	
<u>66</u>	1 of 1	E	0.36 / 1,924.16	313.04	HEATING OIL TANK 15620 SE Francis Ave MILWAUKIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-16-1026 08/09/2016		Work O Region	Compl Dt: : NWR	
<u>67</u>	1 of 1	E	0.37 / 1,936.03	319.96	HEATING OIL TANK 15412 SE MEADOWLARK LANE MILWAUKIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup St	evd Dt: art Dt:	03-00-5000 06/01/2000 06/01/2000		Work C Region	Compl Dt: 03/09/2001 : NWR	
<u>68</u>	1 of 1	SE	0.37 / 1,940.88	192.30	HEATING OIL TANK 16110 SE HAROLD MILWAUKIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup St		03-97-0276 04/09/1997		Work C Region	Compl Dt: : NWR	

Мар Кеу	Numbe Record		Distance (mi/ft)	Elev (ft)	Site		DB
<u>69</u>	1 of 1	NNE	0.37 / 1,943.80	295.75	14817 SE	OIL TANK RAINTREE CT (IE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-04-0013 11/12/2003 11/12/2003		Work C Region	Compl Dt: :	NWR	
<u>70</u>	1 of 1	E	0.38 / 2,000.55	323.07	15418 SE	OIL TANK MEADOW LARK LANE KIE OR 97267	LUST
Log NO: Cleanup Ro Cleanup Sta		26-04-0313 03/05/2004 03/08/2004		Work C Region	Compl Dt: :	04/04/2006 NWR	
<u>71</u>	1 of 1	sw	0.38 / 2,007.34	124.47	16106 SE	OIL TANK Southview Ave KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-13-0474 04/24/2013		Work O Region	Compl Dt: :	NWR	
<u>72</u>	1 of 1	NNW	0.38 / 2,009.21	252.29	14729 SE	OIL TANK Oatfield Rd KIE OR 97222	LUST
Log NO: Cleanup Rc Cleanup Sta		03-07-1881 12/20/2007		Work O Region	Compl Dt: :	02/20/2008 NWR	
<u>73</u>	1 of 1	SSW	0.38 / 2,023.53	123.46	3310 SE V	OIL TANK Vestview Ave KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-01-6360 07/02/2001 06/30/2001		Work C Region	Compl Dt: :	05/06/2014 NWR	
<u>74</u>	1 of 1	NW	0.38 / 2,026.47	221.24	3100 SE E	OIL TANK BIRCH KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-01-6011 05/23/2001 05/23/2001		Work C Region	Compl Dt: :	NWR	
<u>75</u>	1 of 1	NW	0.39 / 2,037.46	225.04	3120 SE E	OIL TANK BIRCH AVE ID OR 97267	LUST
Log NO: Cleanup Rc	vd Dt:	03-02-0305 07/08/2002		Work C Region	Compl Dt: :	10/14/2002 NWR	

Мар Кеу	Numbe Record		Distance (mi/ft)	Elev (ft)	Site	DE
Cleanup Sta	nrt Dt:	07/08/2002				
<u>76</u>	1 of 1	NNW	0.39 / 2,050.64	231.27	HEATING OIL TANK 3140 SE BIRCH AVE MILWAUKIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-02-0895 09/14/2002 09/14/2002		Work C Region	Compl Dt: :: NWR	
<u>77</u>	1 of 1	ENE	0.39 / 2,060.75	365.37	HEATING OIL TANK 4434 SE CONCORD RD PORTLAND OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta		26-01-5364 03/02/2001 03/02/2001		Work C Region	Compl Dt: 08/27/2001 n: NWR	
<u>78</u>	1 of 1	WNW	0.39 / 2,073.90	184.38	HEATING OIL TANK 15314 SE EAST ST MILWAUKIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-02-0307 07/08/2002 07/03/2002		Work Compl Dt: 07/21/2004 Region: NWR		
<u>79</u>	1 of 1	wsw	0.39 / 2,084.66	150.59	HEATING OIL TANK 2920 SE Risley Avenue MILWAUKIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-07-0680 05/16/2007		Work C Region	Compl Dt: 06/21/2007 D: NWR	
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: Cleanup Rcv Cleanup Sta		03-03-1132 06/11/2003 06/17/2003		Work C Region	Compl Dt: 07/30/2003 :: NWR	
<u>81</u>	1 of 1	NNW	0.40 / 2,100.45	248.12	HEATING OIL TANK 14723 SE OATFIELD ROAD MILWAUKIE OR 97267	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-00-0527 04/06/2000 04/06/2000		Work C Region	Compl Dt: 12/12/2000 :: NWR	
<u>82</u>	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 C	Compl Dt: 04/23/2003	

Map Key	Number Recore		Distance (mi/ft)	Elev (ft)	Site		DB
Cleanup Rc Cleanup Sta		01/24/2003 01/24/2003		Region):	NWR	
83	1 of 1	wsw	0.41 / 2,158.16	139.79		DIL TANK VATSON PL E OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-02-1577 12/30/2002 12/30/2002		Work Compl Dt: 03/10/2003 Region: NWR			
84	1 of 1	NNE	0.41 / 2,160.48	309.04	HEATING C 4061 SE HA MILWAUKI		LUST
Log NO: Cleanup Rc Cleanup Sta		03-00-6201 10/25/2000 10/25/2000		Work (Region	Compl Dt: n:	01/22/2001 NWR	
<u>85</u>	1 of 1	SSE	0.41 / 2,173.58	170.79	HEATING C 4218 SE Vii MILWAUKII		LUST
Log NO: Cleanup Rc Cleanup Sta		03-13-0533 05/02/2013		Work Compl Dt: 10/22/2013 Region: NWR			
86	1 of 1	SSE	0.41 / 2,183.93	174.61	HEATING C 4228 SE Vii PORTLANL		LUST
Log NO: Cleanup Rc Cleanup Sta		03-11-0820 08/12/2011		Work (Region	Compl Dt: n:	09/19/2011 NWR	
<u>87</u>	1 of 1	W	0.41 / 2,190.55	170.99	HEATING C 2909 SE SV Milwaukie (VAIN	LUST
Log NO: Cleanup Rc Cleanup Sta		03-91-0313 07/25/1991 07/19/1991		Work C Region	Compl Dt: n:	09/19/1991 NWR	
88	1 of 1	WNW	0.42 / 2,208.68	194.66	HEATING C 15123 SE E MILWAUKI		LUST
Log NO: Cleanup Rc Cleanup Sta		03-99-1101 09/28/1999 05/10/1999		Work (Region	Compl Dt: n:	11/29/1999 NWR	
89	1 of 1	wsw	0.42 / 2,214.62	140.12		DIL TANK VATSON PL E OR 97267	LUST

Мар Кеу	Numb Recor		Distance (mi/ft)	Elev (ft)	Site		DB
Log NO: Cleanup Rcv Cleanup Sta		03-01-6622 08/01/2001 07/31/2001		Work (Regior	Compl Dt: n: NV	WR	
90	1 of 1	ssw	0.42 / 2,215.89	124.31	HEATING OIL TA 3419 SE Kingsle MILWAUKIE OR	y Rd	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-16-0591 05/11/2016		Work (Regior	•	7/26/2016 WR	
91	1 of 1	sw	0.43 / 2,247.76	119.66	HEATING OIL TA 3082 SE Concor MILWAUKIE OR	d Rd	LUST
Log NO: Cleanup Rcy Cleanup Sta		03-06-2173 12/20/2006		Work (Region		/19/2007 VR	
92	1 of 1	NNW	0.43 / 2,264.89	222.60	HEATING OIL TA 14630 SE OAK O MILWAUKIE OR	CT .	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-94-0151 08/18/1994 09/15/1994		Work (Region	•	/28/1994 VR	
93	1 of 1	s	0.44 / 2,299.33	124.25	HEATING OIL TA 16369 SE Vineya PORTLAND OR	ard Lane	LUST
Log NO: Cleanup Rcv Cleanup Sta		03-07-0687 05/16/2007		Work (Region		/12/2008 VR	
<u>94</u>	1 of 1	SSW	0.44 / 2,300.76	113.93	HEATING OIL TA 3411 SE KINGSL MILWAUKIE OR	EY ROAD	LUST
Log NO: Cleanup Rcy Cleanup Sta		03-03-2201 10/16/2003 10/17/2003		Work (Region	•	/23/2004 VR	
<u>95</u>	1 of 1	ENE	0.44 / 2,323.65	354.60	HEATING OIL TA 15158 SE La Cre MILWAUKIE OR	escenta	LUST
Log NO: Cleanup Rcy Cleanup Sta		03-16-1286 09/26/2016		Work (Region	Compl Dt: n: NV	WR	
<u>96</u>	1 of 1	sw	0.44 / 2,335.72	109.03	HEATING OIL TA 3207 SE Westvie PORTLAND OR	ew Rd	LUST

Мар Кеу	Number Record		Direction	Distance (mi/ft)	Elev (ft)	Site		DB
Log NO: Cleanup Rc Cleanup Sta		03-09-0740 08/05/2009			Work C Region	Compl Dt: :	08/21/2009 NWR	
97	1 of 1		wsw	0.44 / 2,347.09	138.87	2822 SE	G OIL TANK RISLEY AVENUE ND OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-04-0069 01/23/2004 01/26/2004	ļ.		Work C Region	Compl Dt: :	05/19/2004 NWR	
98	1 of 1		E	0.44 / 2,347.55	329.67	15615 SE	G OIL TANK Meadowlark Ln KIE OR 97203	LUST
Log NO: Cleanup Rc Cleanup Sta		03-14-0849 06/30/2014			Work C Region	Compl Dt: :	02/04/2015 NWR	
99	1 of 1		SE	0.45 / 2,390.40	180.84	16212 SE	G OIL TANK E HAROLD AVENUE DVE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-98-0783 09/16/1998 10/01/1998	3		Work C Region	Compl Dt: :	03/08/2000 NWR	
100	1 of 1		NNW	0.46 / 2,408.23	231.58	14620 SV	G OIL TANK V OATFIELD ROAD KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-03-1989 09/19/2003 09/23/2003	3		Work C Region	Compl Dt: :	NWR	
101	1 of 1		N	0.46 / 2,414.82	241.56	3611 SE	G OIL TANK Hager Ln KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-07-0930 06/26/2007			Work C Region	Compl Dt: :	08/22/2007 NWR	
102	1 of 1		s	0.46 / 2,424.74	132.60	16420 SE	G OIL TANK EMCLOUGHLIN BLVD KIE OR 97267	LUST
Log NO: Cleanup Rc Cleanup Sta		03-90-0298 08/23/1990 08/23/1990)		Work O Region	Compl Dt: :	09/25/1990 NWR	
103	1 of 1		E	0.46 / 2,426.40	331.09		G OIL TANK EMEADOWLARK LANE	LUST

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

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

	nber of ords	Direction	Distance (mi/ft)	Elev (ft)	Site		DB
<u>117</u> 1 of 1		E	0.49 / 2,606.60	340.83	4788 SE	G OIL TANK THIESSEN RD KIE OR 97267	LUST
Log NO: Cleanup Rcvd Dt: Cleanup Start Dt:	03-06- 09/28/2 10/02/2	2006		Work C Region	ompl Dt: :	01/29/2008 NWR	
118 1 of 1		ENE	0.50 / 2,638.54	388.96	4637 SE	G OIL TANK CONCORD KIE OR 97267	LUST
Log NO: Cleanup Rcvd Dt: Cleanup Start Dt:	03-99-0 01/19/1			Work C Region	ompl Dt: :	NWR	
119 1 of 1		SSE	0.59 / 3,118.01	115.33	16700 SE	Country Chevrolet E McLoughlin Blvd. ie OR 97267	ECSI
Site ID: Investi Status: Furth Act Priority: CERCLIS NO: NPL?: Legis Fund Code: Brownfield Desc: Study Area Flag: Orphan Flag: Score Value: Tax Lots: Size: FACA Identifier: County Name: Region: Town S Coord: Township Zone:	0 False 831 0 False False 900 5.09 ac 2690	cres rest Region		Last Up Site Ali Range I Section Qtr Sec Display Lat Dec Lat Min Lat Sec Long D Long D	Zone: a Coord: c Coord: c Order: cimal: grees: cutes: ecimal: egrees:	11/18/1999 12/19/2012 1.00 E 13 NE 0 45.4028 45 24 10.10 -122.6208 -122 37 14.90	
Operation Details Operation ID: Operation Status: Common Name: Years of Operation Operation Commer Process: Process Comments SIC Codes:	nt:	 133644 Active Town & Count April 1987 - Cu					
Hazard Release Substance ID: Name: Alias Name: Description: Quantity: Dates Comment: Last Updated: Last Updated By:		 122012 TOTAL PETRO 10/01/2002	DLEUM HYDROC	ARBONS (TPH))		
Sampling Result							

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Medium:		Soil				
Unit Code:						
Observation	-	False				
Owner/Opera		False				
	alor.					
Lab Data:		True				
Sample Dep	th:					
Start Date:		08/01/1999				
End Date:						
Min Concent	ration:					
Max Concen	tration:					
Comment:		Heavy Oil - 879	mg/kg			
			0 0			
Medium:		Soil				
Unit Code:						
Observation		False				
		False				
Owner/Opera	ator.					
Lab Data:		True				
Sample Dept	in:	07/04/4000				
Start Date:		07/01/1999				
End Date:						
Min Concent						
Max Concen	tration:					
Comment:		Diesel range pe	etroleum 393 mg/l	kg		
Hazard Relea	ase					
	_					
Substance II	D:	121608				
Name:		BENZENE				
Alias Name:		BENZOL				
Description:						
Quantity:						
Dates Comm	ent:					
Last Updated		10/01/2002				
Last Update		10/01/2002				
	. Dy.					
Sampling Re	sult					
	oun					
Medium:		Soil				
Unit Code:		0011				
Observation		False				
Owner/Opera		False				
Lab Data:	ator.	True				
	 .	Tiue				
Sample Dept	III.	07/04/4000				
Start Date:		07/01/1999				
End Date:	untin m					
Min Concent						
Max Concen	tration:	40.4				
Comment:		12.4 ug/kg				
Hazard Relea	ase					
 Cub	.	121609				
Substance II):	121608				
Name:		BENZENE				
Alias Name:		PYROBENZOL	•			
Description:						
Quantity:						
Dates Comm	ent:					
Last Updated	d:	10/01/2002				
Last Update						
Sampling Re	esult					
 Medium:		 Soil				
Unit Code:		Ooli				
Observation		False				
Owner/Opera		False				
Lab Data:		True				
Sample Dep	th:	TIME				
Sample Dept						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Start Date: End Date:		07/01/1999				
Min Concen						
Max Concert Comment:	tration:	12.4 ug/kg				
 Hazard Rele	ase					
 Substance I	D:	121608				
Name: Alias Name:		BENZENE PHENE				
Description: Quantity:						
Dates Comn Last Update		10/01/2002				
Last Update						
 Sampling Re	esult					
 Medium:		 Soil				
Unit Code:	_					
Observation Owner/Oper		False False				
Lab Data: Sample Dep	th:	True				
Start Date: End Date:		07/01/1999				
Min Concen						
Max Concert Comment:	tration:	12.4 ug/kg				
 Hazard Rele	ase					
 Substance I	D:	 121608				
Name: Alias Name:		BENZENE CYCLOHEXAT	DIENE			
Description: Quantity:		CTOLONILAAT	KILINL			
Dates Comn Last Update		10/01/2002				
Last Update						
 Sampling Re	esult					
 Medium:		 Soil				
Unit Code: Observation	,•	False				
Owner/Oper		False True				
Lab Data: Sample Dep	th:					
Start Date: End Date:		07/01/1999				
Min Concen Max Concen	tration:					
Comment:	uauon.	12.4 ug/kg				
 Hazard Rele	ase					
Substance I	D:	121608				
Name: Alias Name:		BENZENE COAL NAPTH	A			
Description: Quantity:						
Dates Comn		40/04/0000				
Last Update Last Update	a: d By:	10/01/2002				
 Camaniina B						

Sampling Result

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Medium: Unit Code:		 Soil				
Observation:		False				
Owner/Opera		False				
Lab Data:	itor.	True				
Sample Dept	h.	Truc				
Start Date:	11.	07/01/1999				
End Date:		01/01/1999				
Min Concent	ration:					
Max Concent						
Comment:	u auon.	12.4 ug/kg				
		12.4 ug/kg				
Hazard Relea	ise					
Substance IL	٠.	 120781				
Name:	<i>).</i>	ETHYLBENZEN	IE			
Alias Name:		ETHYLBENZOL				
Description:		LIIIILDLINZOL	•			
Quantity:						
Dates Comm	ont:					
Last Updated		10/01/2002				
Last Updated		10/01/2002				
Sampling Re	SUIT					
Medium:		Soil				
Unit Code:						
Observation:		False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	n:	07/04/4000				
Start Date:		07/01/1999				
End Date:						
Min Concent						
Max Concent	tration:	22 4				
Comment:		33.4 ug/kg 				
 Hazard Relea	ase					
Substance IL) <i>:</i>	120781				
Name:		ETHYLBENZEN				
Alias Name:		PHENYLETHAN	1E			
Description:						
Quantity:						
Dates Comm						
Last Updated		10/01/2002				
Last Updated	d By:					
Sampling Re	suit					
 Medium:		Soil				
Unit Code:		3011				
Observation:	ī	False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		07/01/1999				
End Date:						
Min Concent	ration:					
Max Concen						
Comment:		33.4 ug/kg				
 Hazard Relea	ase					
Cubotones "	٦.	 120836				
Substance IL Name:	<i>).</i>	CHLOROTOLUE	ENE n-			
Name: Alias Name:		TOLYL CHLORI				
Alias Naille:		TOLTE OFFICIAL	υ ∟ ,ρ-			

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Description:						
Quantity:						
Dates Comm	ont.					
Last Updated		10/01/2002				
		10/01/2002				
Last Updated	ву:					
Sampling Re	suit					
Medium:		Soil				
Unit Code:						
Observation:		False				
Owner/Opera	tor:	False				
Lab Data:	_	True				
Sample Dept	h:					
Start Date:		07/01/1999				
End Date:						
Min Concent						
Max Concent	ration:	50.0 "				
Comment:		58.2 ug/kg				
Hazard Relea	se					
 Oht		400000				
Substance ID):	120836	IENIE			
Name:		CHLOROTOLU		4		
Alias Name:		CHLORO-1-ME	THYLBENZENE,4	4-		
Description:						
Quantity:						
Dates Comm		40/04/0000				
Last Updated		10/01/2002				
Last Updated	ву:					
 Compline Bo						
Sampling Re	suit					
		 Soil				
Medium:		5011				
Unit Code: Observation:		False				
Owner/Opera		False				
Lab Data:	ior.	True				
Sample Dept	h.	Tiue				
Start Date:	11.	07/01/1999				
End Date:		07/01/1333				
Min Concent	ration:					
Max Concent						
Comment:		58.2 ug/kg				
		ug/kg				
Hazard Relea	se					
Substance ID) :	120836				
Name:		CHLOROTOLU	IENE,p-			
Alias Name:		CHLOROTOLU				
Description:			•			
Quantity:						
Dates Comm	ent:					
Last Updated		10/01/2002				
Last Updated						
	-					
Sampling Re	sult					
Medium:		Soil				
Unit Code:						
Observation:		False				
Owner/Opera	tor:	False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		07/01/1999				
End Date:						
Min Concent						
Max Concent	ration:					

Max Concentration:

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	D
Comment:		58.2 ug/kg				
 Hazard Relea	ise	 				
Substance IL Name: Alias Name: Description: Quantity: Dates Comm		120836 CHLOROTOLL TOLUENE,p-C				
Last Updated Last Updated		10/01/2002				
 Sampling Re	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data:	ntor:	Soil False False True				
Sample Dept Start Date: End Date: Min Concent Max Concent Comment:	ration:	07/01/1999 58.2 ug/kg				
 Hazard Relea	ise					
 Substance IL Name: Alias Name: Description: Quantity: Dates Comm Last Updated	ent:	 121051 XYLENES DIMETHYLBEN 10/01/2002	NZENEs			
Last Updated Sampling Re						
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent	ntor: h: ration:	Soil False False True 07/01/1999				
 Hazard Relea	ise	 				
Substance II Name: Alias Name: Description: Quantity: Dates Comm Last Updated	ent: i:	121051 XYLENES XYLOLS 10/01/2002				
Sampling Re	sult	 				
 Medium: Unit Code: Observation:		Soil False				

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept Start Date:	h:	07/01/1999				
End Date:		07/01/1999				
Min Concent	ration:					
Max Concent	tration:	_				
Comment:		184 ug/kg				
 Hazard Relea	ise					
Substance IL) <i>:</i>	121195				
Name:		FLUORANTHE				
Alias Name:		BENZO(jk)FLU	ORENE			
Description:						
Quantity: Dates Comm	ent [.]					
Last Updated		10/01/2002				
Last Updated						
Sampling Re	sult					
 Medium:		Soil				
Unit Code:						
Observation:		False				
Owner/Opera	itor:	False				
Lab Data: Sample Dept	h·	True				
Start Date:		07/01/1999				
End Date:						
Min Concent						
Max Concent	tration:	22.7.10/100				
Comment:		32.7 ug/kg 				
Hazard Relea	ise					
Substance II) <i>:</i>	121195				
Name:		FLUORANTHE				
Alias Name: Description:		BENZACENAP	'H I HENE,1,2-			
Quantity:						
Dates Comm	ent:					
Last Updated		10/01/2002				
Last Updated	l By:					
Sampling Re	sult					
						
Medium:		Soil				
Unit Code: Observation:		False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:	0=10.11.000				
Start Date: End Date:		07/01/1999				
Min Concent	ration:					
Max Concent						
Comment:		32.7 ug/kg				
 Hazard Relea	ise					
 Substance IL) <i>.</i>	 121019				
Name:	·•	PYRENE				
Alias Name:			IENANTHRENE			
Description:						
Quantity:	ont					
Dates Comm Last Updated		10/01/2002				
Last opuatet	••	10,01/2002				

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Last Updated	Ву:					
Sampling Res	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Depti Start Date: End Date: Min Concenti	tor: h:	Soil False False True 07/01/1999				
Max Concent Comment:	ration:	35.2 ug/kg				
 Hazard Relea	se					
Substance ID Name: Alias Name: Description: Quantity: Dates Comme Last Updated Last Updated	ent: :	 121928 TRICHLOROPF TRICHLOROHY				
 Sampling Res	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Depti Start Date: End Date: Min Concenti Max Concent: Comment:	tor: h: ration:	Soil False False True 07/01/1999				
 Hazard Relea	se					
Substance ID Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated	ent: :	10/01/2002	ROPANE,1,2,3- 3-TRICHLORO-			
 Sampling Res	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Depti Start Date: End Date: Min Concenti	tor: h: ration:	Soil False False True 07/01/1999				
Comment:		39.6 ug/kg 				
Hazard Relea	se					

Map Key Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Substance ID: Name: Alias Name:	121928 TRICHLOROPF ALLYL TRICHL				
Description: Quantity: Dates Comment:					
Last Updated: Last Updated By: 	10/01/2002				
Sampling Result					
Medium: Unit Code: Observation:	Soil False				
Owner/Operator: Lab Data: Sample Depth:	False True				
Start Date: End Date: Min Concentration:	07/01/1999				
Max Concentration: Comment:	39.6 ug/kg 				
Hazard Release					
Substance ID: Name: Alias Name: Description: Quantity: Dates Comment: Last Updated:	121928 TRICHLOROPF	ROPANE,1,2,3- IICHLOROHYDR	IN		
Last Updated By:					
Sampling Result					
Medium: Unit Code: Observation: Owner/Operator: Lab Data: Sample Depth: Start Date: End Date: Min Concentration: Max Concentration: Comment:	Soil False False True 07/01/1999				
 Hazard Release					
Substance ID: Name: Alias Name: Description: Quantity: Dates Comment: Last Updated: Last Updated By:	121252 TRIMETHYLBE BENZENE,TRII 10/01/2002				
 Sampling Result					
Medium: Unit Code: Observation: Owner/Operator: Lab Data: Sample Depth: Start Date:	Soil False False True 07/01/1999				

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:unknownDates Comment:unknownLast Updated:11/18/1999

Last Updated By:

-- Sampling Result

Medium: Groundwater

Unit Code:

Observation:FalseOwner/Operator:FalseLab Data:TrueSample 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:unknownDates Comment:unknownLast 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:unknownDates Comment:unknownLast Updated:11/18/1999

Last Updated By:

asi opualeu by. --

Sampling Result

Мар Кеу	Number of	Direction	Distance	Elev	Site		DB
	Records		(mi/ft)	(ft)			
Medium: Unit Code:		Groundwater					
Observation:		False					
Owner/Opera		False					
Lab Data:	101.	True					
Sample Dept	h:						
Start Date:		08/01/1999					
End Date:							
Min Concent							
Max Concent	ration:	4.00					
Comment:		1.09 - 333 ug/L 					
Hazard Relea	se						
 Substance ID)-	 121774					
Name:	·•	DICHLOROPRO	PANF 1 2-				
Alias Name:		PROPYLENE DI					
Description:							
Quantity:		unknown					
Dates Comm		unknown					
Last Updated		11/18/1999					
Last Updated	Ву:						
Sampling Re	sult						
 Medium:		 Groundwater					
Unit Code:		Groundwater					
Observation:		False					
Owner/Opera		False					
Lab Data:		True					
Sample Dept	h:						
Start Date:		08/01/1999					
End Date:	untin m						
Min Concent							
Comment:	ration.	1.09 - 333 ug/L					
Admin Action	n Details						
Action Code:		9459					
Action Categ	ory:	RA					
Action:		PRELIMINARY A	ASSESSMENT E	EQUIVALENT			
Active:		True					
Req Priority	Code:	False Department of E	nvironmental Ou	ality			
Agency: Further Actio	n Priority Code:	Department of L	nvironinentai Qu	iaiity			
Start Date:	minionly code.	04/17/2000					
Completion L	Date:	03/03/2001					
Sub Program		VCS					
Rank Val:		0					
Primary Action		False					
Clean Up Rep	oort:	False					
Comment: Last Updated	I Dv.	imw					
Last Updated		jmw 11/27/2001					
Created By:	•	11,21,2001					
Created Date	:	12/17/2002					
Emp ID:		593					
Admin Regio		Northwest Region	on				
Admin Furth	er Action Priority:						
Action Code:		9443					
Action Categ	ory:	RA					
Action:		NO FURTHER S	STATE ACTION	REQUIRED			
Active:		True					

Department of Environmental Quality

Order No: 20170116098

True False

Agency:

Active: Req Priority Code:

Further Action Priority Code:

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Start Date:		06/28/2001				
Completion	Date:	06/28/2001				
Sub Program	n Code:	VCS				
Rank Val:		0				
Primary Acti	ion:	True				
Clean Up Re	port:	False				
Comment:	•					
Last Update	d By:	jmw				

Created By: Created Date: 12/17/2002 Emp ID: 593

Admin Region: Northwest Region

Admin Further Action Priority:

Last Updated:

9409 Action Code: Action Category: RA

Action: Beneficial Water Use Assessment

11/27/2001

Active: True Reg 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: False Primary Action: 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 RA Action Category:

Action: Letter Agreement

Active: True Req Priority Code:

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 04/17/2000 Completion Date: 04/17/2000 VCS Sub Program Code: Rank Val: False Primary Action: Clean Up Report: False

Comment:

Last Updated By: jmw 08/08/2000 Last Updated: Created By:

Created Date: 12/17/2002 Emp ID: 593

Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9425 RA Action Category:

SITE EVALUATION Action:

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 04/17/2000 Completion Date: 03/03/2001

DΒ Number of Direction Distance Site Map Key Elev Records (mi/ft) (ft) Sub Program Code: VCS Rank Val: False Primary Action: Clean Up Report: False Comment: Last Updated By: imw Last Updated: 11/27/2001 Created By: Created Date: 12/17/2002 Emp ID: 593 Northwest Region Admin Region: Admin Further Action Priority: Action Code: 9424 Action Category: **ADMIN** Site added to database Action: Active: Req Priority Code: False Agency: Department of Environmental Quality Further Action Priority Code: 11/18/1999 Start Date: Completion Date: 11/18/1999 VCS Sub Program Code: Rank Val: 0 Primary Action: False False Clean Up Report: Comment: Last Updated By: imw 11/18/1999 Last Updated: Created By: Created Date: 12/17/2002 Emp ID: 313 Admin Region: Northwest Region Admin Further Action Priority: 9519 Action Code: Action Category: RA Action: VCS Waiting List Active: True Req Priority Code: Department of Environmental Quality Agency: Further Action Priority Code: Start Date: 11/09/1999 04/17/2000 Completion Date: VCS Sub Program Code: Rank Val: False Primary Action: Clean Up Report: False Comment: Last Updated By: imw 08/08/2000 Last Updated: Created By: 12/17/2002

Created Date:

Emp ID: 313

Admin Region: Northwest Region

Admin Further Action Priority:

Narrative Narrative Code: 1899

Contamination Description: 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

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.

Created By:

Created Date: 12/17/2002

Last Updated By:

Last Updated: 12/17/2002

Narrative

1901 Narrative Code:

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.

Created By:

Created Date: 12/17/2002 **GWISTAR** Last Updated By: 09/21/2005 Last Updated:

Narrative

Narrative Code: 1905

Land Use (Current/Reasonably Likely) Description:

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.

Created By: Created Date: 12/17/2002

Last Updated By:

Last Updated: 12/17/2002

Narrative

Narrative Code: 1910

Project Activity Status Description:

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

DEQ risk-based concentrations (RBCs) and EPA Region IX Preliminary Remediation Goals (PRGs) were used as Comment: 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

Order No: 20170116098

existing/install new utilities. However, contaminant levels in soils from the canopy footing do not exceed

Distance (mi/ft)

Elev (ft)

Site

DB

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. 1,2,3trichloropropane 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 1,2,3trichloropropane 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 1,2dichloropropane 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 ess

entially 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.

Created By: Created Date: Last Updated By: Last Updated:

Narrative

Narrative Code: Description: Comment:

12/17/2002

12/17/2002

1914

Remedial Action

(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. DEQIs 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. DEQIs 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

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.

Created By:

Created Date: 12/17/2002 Last Updated By: **GWISTAR** 06/27/2003 Last Updated:

Narrative

Narrative Code: 1919

Water Use (Current/Reasonably Likely) Description:

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-dichlropropane 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.

Created By:

12/17/2002 Created Date: 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).

GWISTAR Created By: Created Date: 06/27/2003 Last Updated By: **GWISTAR** Last Updated: 06/27/2003

120 1 of 1 SSE 0.65/ 114.80 McNaef

McLoughlin Blvd. & Naef Rd. 3,434.68

Site Alias Name:

Oak Grove OR 97268

ECSI

Order No: 20170116098

Site ID: Created on Dt: 2560 04/14/2000 Investi Status: Suspect Last Update Dt: 10/06/2015

Furth Act Priority: 0

CERCLIS NO:

Range Coord: 1.00 NPL?: False Range Zone: Ε Section Coord: Legis Fund Code: 13 838

Map Key	Number Records		Direction	Distance (mi/ft)	Elev (ft)	Site		DB
Brownfield D Study Area F Orphan Flag: Score Value: Tax Lots: Size: FACA Identifi County Name Region: Town S Coor Township Zo	ilag: :: iler: :: ::	0 False True 40900 Northwes 2.00 S	st Region		Displa Lat De Lat De Lat Mi Lat Se Long Long Long	c Coord: y Order: ccimal: grees: nutes: cconds: Decimal: Degrees: Minutes: Seconds:	AA 0 45.4016 45 24 6.00 -122.6211 -122 37 16.00	
Hazard Relea	ise							
Substance ID Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated	ent: d:		121781 TRICHLOROET TRI-CLENE	ΓHYLENE				
 Sampling Re	sult							
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept: Start Date: End Date: Min Concents	ntor: h: ration:		Groundwater False False True 10/03/1995					
Max Concent Comment:	ration:		340 ug/L 					
 Hazard Relea	ise							
Substance ID Name: Alias Name: Description: Quantity: Dates Comm Last Updated	ent: l:		121781 TRICHLOROET TCE	ΓHYLENE				
Last Updated								
Sampling Re Medium: Unit Code: Observation: Owner/Opera Lab Data:	ator:		 Groundwater False False True					
Sample Dept Start Date: End Date: Min Concent Max Concent Comment:	ration:		10/03/1995 340 ug/L					
 Hazard Relea	ise							
Substance ID Name: Alias Name:):		121781 TRICHLOROET ETHYLENE TR					

Order No: 20170116098

Description:

	Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
-	Quantity:						
	Dates Comm	ent:					
	Last Updated		04/14/2000				
	Last Updated	l By:					
	Committee Do	14					
	Sampling Re	Suit					
	Medium:		Groundwater				
	Unit Code:						
	Observation:		False				
	Owner/Opera	tor:	False				
	Lab Data:	h.	True				
	Sample Dept Start Date:	n:	10/03/1995				
	End Date:		10,00,1000				
	Min Concent						
	Max Concent	ration:					
	Comment:		340 ug/L				
	 Hazard Relea	Se					
	Substance ID):	121781				
	Name:		TRICHLOROE				
	Alias Name:		ETHINYL TRIC	HLORIDE			
	Description: Quantity:						
	Dates Comm	ent [.]					
	Last Updated		04/14/2000				
	Last Updated						
	Sampling Re	sult					
	 Medium:		Groundwater				
	Unit Code:		Orounawater				
	Observation:		False				
	Owner/Opera	tor:	False				
	Lab Data:	L .	True				
	Sample Dept Start Date:	n:	10/03/1995				
	End Date:		10/03/1333				
	Min Concent	ration:					
	Max Concent	ration:					
	Comment:		340 ug/L				
	 Hazard Relea	Se					
		-					
	Substance IE):	121781				
	Name:		TRICHLOROE				
	Alias Name:		TRICHLOROE	IHENÉ			
	Description: Quantity:						
	Dates Comm	ent:					
	Last Updated		04/14/2000				
	Last Updated						
	Compline D-	oult					
	Sampling Re	suit					
	 Medium:		Groundwater				
	Unit Code:						
	Observation:		False				
	Owner/Opera	tor:	False				
	Lab Data: Sample Dept	h·	True				
	Sample Dept Start Date:		10/03/1995				
	End Date:						
	Min Concent						
	Max Concent						

Order No: 20170116098

340 ug/L

Max Concentration: Comment:

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

Order No: 20170116098

Groundwater

False

False

Medium:

Unit Code: Observation:

Sampling Result

Owner/Operator:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Lab Data:		True				
Sample Dept	h:	40/00/4000				
Start Date: End Date:		10/22/1996				
Min Concent	ration:					
Max Concent						
Comment:		7.9 ug/L				
 Hazard Relea	se					
Substance IE).	 121011				
Name:	•	TETRACHLOR	OETHYLENE			
Alias Name:		PERCHLOROE	THYLENE			
Description:						
Quantity:						
Dates Comm		04/14/2000				
Last Updated Last Updated		04/14/2000				
	-y.					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code: Observation:		False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		10/22/1996				
End Date: Min Concent	ration					
Max Concent						
Comment:		7.9 ug/L				
Hazard Relea	ise					
 Substance IE).	 121011				
Name:	•	TETRACHLOR	OETHYLENE			
Alias Name:			TRACHLORIDE			
Description:						
Quantity: Dates Comm	amt.					
Last Updated		04/14/2000				
Last Updated		0 1/1 1/2000				
	-					
Sampling Re	sult					
 Medium:		 Groundwater				
Unit Code:		Groundwater				
Observation:		False				
Owner/Opera	tor:	False				
Lab Data:		True				
Sample Dept Start Date:	n:	10/22/1996				
End Date:		10/22/1990				
Min Concent	ration:					
Max Concent	ration:					
Comment:		7.9 ug/L				
 Hazard Relea	150					
Substance IE):	121011				
Name:		TETRACHLOR				
Alias Name:		ETHENE,TETR	RACHLORO-			
Description: Quantity:						
Dates Comm	ent:					
Last Updated	l:	04/14/2000				
Last Updated						

DΒ Map Key Number of **Direction** Distance Elev Site Records (mi/ft) (ft)

Sampling Result

Groundwater Medium:

Unit Code:

False Observation: Owner/Operator: False True Lab Data:

Sample Depth:

10/22/1996 Start Date:

End Date: Min Concentration: Max Concentration:

Comment: 7.9 ug/L

Hazard Release

Substance ID: 121011

TETRACHLOROETHYLENE Name: Alias Name: TETRACHLOROETHENE,1,1,2,2-

Description: Quantity:

Dates Comment:

Last Updated: 04/14/2000

Last Updated By:

Sampling Result

Groundwater Medium:

Unit Code:

Observation: False Owner/Operator: False Lab Data: True

Sample Depth:

Start Date: 10/22/1996

End Date: Min Concentration:

Max Concentration:

7.9 ug/L Comment:

Admin Action Details

9424 Action Code: **ADMIN** Action Category:

Action: Site added to database

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

04/14/2000 Start Date:

Completion Date:

Sub Program Code: SAS Rank Val: Primary Action: False Clean Up Report: False

Comment:

Last Updated By: kpd

05/16/2000 Last Updated:

Created By:

Created Date: 12/17/2002 Emp ID: 313

Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9425 Action Category: RA

SITE EVALUATION Action:

Active:

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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 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:
 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

discovered during the decommissioning, and Carlton joined DEQIs 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: 12/17/2002 Created Date: Last Updated By: **KDANA** 02/25/2003 Last Updated:

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:

12/17/2002 Created Date: **DBAILEY** Last Updated By: 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

Order No: 20170116098

inactive orphan site pending conclusions on the adjacent cleanup site, Carlton Company.

Created By:

Created Date: 12/17/2002 Last Updated By: **DBAILEY** 12/28/2006 Last Updated:

Narrative

Narrative Code: 1917

Description:

Comment: Residential drinking water wells are located downgradient of the site.

DΒ Map Key Number of Direction Distance Site Elev Records (mi/ft) (ft) Created By: Created Date: 12/17/2002 Last Updated By: Last Updated: 12/17/2002 S 93.70 Carlton Co. 121 1 of 2 0.69/ **CRL** 3901 SE Naef Rd 3,627.84 Oak Grove OR 97268 1035 Latitude: 45.4014 831 -122.6231 Longitude: 0 Lat Decimal: 45.4014 Lat Degrees: 45

Lat Minutes:

Lat Seconds:

Long Decimal:

Long Degrees:

Long Minutes:

Long Seconds:

County Code:

County Name:

Town S Coord:

Range Coord:

Section Coord:

Qtr Sec Coord:

Range Zone:

Brownfield:

Township Zone:

Geoloc ID:

24

5.00

-122

23.20

1101

3.00

2.00

1.00

S

Ε

13

0

37

-122.6231

Clackamas

Order No: 20170116098

Site ID: Legis Fund Cd: Display Order: FACA Identifier: 1101 Study Area Flag: False Score Value:

CERCLIS No:

Tax Lots: 21E-13A-00722 Size: 7.5 acres NPL?: False Orphan?: False **GWISTAR** Last Upd by Init: Last Update Dt: 09/27/2016 Created by Init: CONV Created on Dt: 07/01/1990 Region Code ID: 2 **NWR** Region Code:

Region: Northwest Region

Brwnfld Cd ID: 0 **Brownfield Cd:**

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

Deed Notice Control:

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

D. Bailey

Last Reviewed By:

Last Reviewed Date: **DBAILEY** Last Updated By: Last Updated Date: 06/23/2004

Control: Use Restriction Groundwater

Group: **Proprietary** Begin Date: 05/20/1999 End Date:

Frequency of Review:

Control Comment: Restrictive covenants prohibiting use of groundwater from the alluvial aquifers.

Last Reviewed By: D. Bailey

Last Reviewed Date:

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

Last Updated By: DBAILEY
Last Updated Date: 06/23/2004

.

Control: Periodic montioring & 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. Baile

Last Reviewed Date:
Last Updated By:
Last Updated Date:

DBAILEY
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:TRICHLOROETHYLENEAlias Name:ETHINYL TRICHLORIDE

Description:

Quantity:unknownDates Comment:unknownLast Updated:05/08/2003Last Updated By:DBAILEY

Sampling Result

<u>.</u> -

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)

Modium: Soi

Medium: Soil

Unit Code:

Observation:FalseOwner/Operator:FalseLab Data:True

Sample Depth: Start Date:

End Date: Min Concentration:

Max Concentration:

Comment: up to 850 ug/kg

Release Commments

<u>-</u>

Release Comment: Data Sources

Comment: 2002 Annual Performance Report

•

Hazard Release

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

Substance ID: 121781

TRICHLOROETHYLENE Name: Alias Name: ETHYLENE TRICHLORIDE

Description:

Quantity: unknown Dates Comment: unknown 05/08/2003 Last Updated: Last Updated By: **DBAILEY**

Sampling Result

Groundwater Medium:

Unit Code:

Observation: False Owner/Operator: False True Lab Data: Sample Depth: MW-10-1 Start Date: 10/03/2002

End Date:

Min Concentration: Max Concentration:

up to 3,400 ug/L (up to 73,000 ug/L historically) Comment:

Medium: Soil

Unit Code:

False Observation: Owner/Operator: False True Lab Data:

Sample Depth: Start Date:

End Date: Min Concentration: Max Concentration:

Comment: up to 850 ug/kg

Release Commments

Release Comment: **Data Sources**

Comment: 2002 Annual Performance Report

Hazard Release

Substance ID: 121781

TRICHLOROETHYLENE Name: Alias Name: TRICHLOROETHENE

Description:

Quantity: unknown Dates Comment: unknown Last Updated: 05/08/2003 Last Updated By: **DBAILEY**

Sampling Result

Groundwater Medium:

Unit Code:

Observation: False Owner/Operator: False Lab Data: True Sample Depth: MW-10-1 10/03/2002 Start Date:

End Date:

Min Concentration: Max Concentration:

up to 3,400 ug/L (up to 73,000 ug/L historically) Comment:

Medium: Soil

Unit Code:

Map Key Number of Records	f 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:	up to SEO ug/kg				
Comment:	up to 850 ug/kg				
 Release Commments					
release Comminents					
Release Comment:	Data Sources				
Comment:		rformance Report	t		
		nomanoe repon	•		
Hazard Release					
Substance ID:	121781				
Name:	TRICHLOROET	HYLENE			
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:	Groundwator				
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 73,000 uç	g/L historically)		
 Modium	 Soil				
Medium: Unit Code:	3011				
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 Commments					
 Release Comment:	Data Sources				
Comment:		rformance Report	•		
comment.		normance Repon			
Hazard Release					
-					
Substance ID:	121781				
Name:	TRICHLOROET	HYLENE			
Alias Name:	TCE				
Description:					
Quantity:	unknown				
Dates Comment:	unknown				
Last Updated: Last Updated By:	05/08/2003 DBAILEY				
_asi upuateu by:	DBAILE Y				

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

Sampling Result

Groundwater Medium:

Unit Code:

Observation: False Owner/Operator: False Lab Data: True MW-10-1 Sample Depth: Start Date: 10/03/2002

End Date: Min Concentration: Max Concentration:

up to 3,400 ug/L (up to 73,000 ug/L historically) Comment:

Medium: Soil

Unit Code:

Observation: False Owner/Operator: False True Lab Data:

Sample Depth: Start Date: End Date:

Min Concentration: Max Concentration:

Comment: up to 850 ug/kg

Release Commments

Release Comment: **Data Sources**

Comment: 2002 Annual Performance Report

Admin Action Details Action Code: 9486 Action Category: RA

RISK ASSESSMENT Action:

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

11/19/1990 Start Date: 10/28/1993 Completion Date: Sub Program Code: SRS Rank Val: Primary Action: False Clean Up Report: False Comment: jmd

Last Updated By: 11/18/1996 Last Updated:

Created By:

Created Date: 12/17/2002 Emp ID: 485

Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9473 Action Category: RA

REMEDIAL DESIGN Action:

Active: True Req Priority Code:

Department of Environmental Quality Agency:

Further Action Priority Code: O

Start Date: 04/25/2000 Completion Date: 08/13/2002 SRS Sub Program Code: Rank Val: 0 Primary Action: False Clean Up Report: False

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

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: Action Code: 9412 Action Category: RA

Consent Order Action:

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: False Primary Action: Clean Up Report: False

Comment: Consent Order Addendum.

Last Updated By: jmw 05/02/2000 Last Updated:

Created By:

12/17/2002 Created Date: Emp ID:

. Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9494 Action Category: RA

Action: RECORD OF DECISION

Active: Reg Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

04/01/1998 Start Date: Completion Date: 05/05/1999 Sub Program Code: SRS Rank Val: 0 Primary Action: False Clean Up Report: False Comment: Last Updated By: jmw 12/09/1999

Last Updated:

Created By:

Created Date: 12/17/2002 Emp ID:

Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9412 Action Category: RA Consent Order Action:

Active: True

Reg Priority Code:

Agency: Department of Environmental Quality

Further Action Priority Code:

11/19/1990 Start Date: 11/19/1990 Completion Date: Sub Program Code: SRS Rank Val: Primary Action: False Clean Up Report: False Comment:

Last Updated By: dmc

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) 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** Site added to database Action: Active: True Reg Priority Code: False Department of Environmental Quality Agency: Further Action Priority Code: Start Date: 07/01/1990 Completion Date: Sub Program Code: SAS Rank Val: Primary Action: False Clean Up Report: False Comment: Last Updated By: CONV Last Updated: 03/17/1995 Created By: 12/17/2002 Created Date: Emp ID: 224 Admin Region: Admin Further Action Priority: Action Code: 9425 Action Category: RA SITE EVALUATION Action: 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: 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 Remedial Investigation/Feasibility Study recommended Action: Active: Req Priority Code: False Agency: Department of Environmental Quality Further Action Priority Code:

Order No: 20170116098

Start Date: 11/18/1990 Completion Date: 11/18/1990 SRS Sub Program Code: Rank Val: O **Primary Action:** False Clean Up Report: False Comment:

Last Updated By: dmc

Last Updated: 04/05/1995

Created By:

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

Order No: 20170116098

Comment: Last Updated By: CONV Last Updated:

09/13/1994 Created By:

Rank Val:

Primary Action:

Clean Up Report:

Created Date: 12/17/2002 Emp ID:

False

False

Site DB Map Key Number of Direction Distance Elev Records (mi/ft) (ft)

Admin Region:

Admin Further Action Priority:

Action Code:

9459 Action Category:

PRELIMINARY ASSESSMENT EQUIVALENT Action:

Department of Environmental Quality

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

06/16/1991 Start Date: Completion Date: 06/16/1991 SRS Sub Program Code: Rank Val: 0 Primary Action: False False Clean Up Report:

Comment:

Last Updated By: dmc Last Updated: 11/27/1995

Created By:

Created Date: 12/17/2002 Emp ID: Admin Region: Headquarters

Admin Further Action Priority:

9515 Action Code: Action Category: RA

SITE SCORING Action:

Active: False Req Priority Code: False

Agency:

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

Extension requested by owner/operator Action:

Active: True Req Priority Code: False Agency: Department of Environmental Quality

Further Action Priority Code:

11/23/1992 Start Date: Completion Date: 11/23/1992 Sub Program Code: SAS Rank Val: Primary Action: False Clean Up Report: False

Ltr dated 11/17/92 from CH2M Hill 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: 9430

LIST Action Category:

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: Primary Action: False Clean Up Report: False

Comment:

CONV Last Updated By: Last Updated: 09/13/1994

Created By:

Created Date: 12/17/2002

Emp ID:

Admin Region:

Admin Further Action Priority: Action Code: 9429 RA

Action Category: FEASIBILITY STUDY Action:

Active: True

Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 11/19/1990 Completion Date: 02/02/1998 Sub Program Code: SRS Rank Val: O Primary Action: False Clean Up Report: False

Comment:

Last Updated By: Last Updated: 05/02/2000

Created By:

Created Date: 12/17/2002 Emp ID:

Admin Region: Headquarters

Admin Further Action Priority:

Action Code: 9484 Action Category: RA

Action: REMEDIAL INVESTIGATION

Active: True Req Priority Code:

Department of Environmental Quality Agency:

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 11/27/1995 Last Updated:

Created By:

Created Date: 12/17/2002 Emp ID: 485

Admin Region: Headquarters

Admin Further Action Priority:

Action Code: 9437

Site DB Map Key Number of Direction Distance Elev Records (mi/ft) (ft)

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:

CONV Last Updated By: 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

Department of Environmental Quality Agency:

Further Action Priority Code:

06/24/1991 Start Date: Completion Date: 06/24/1991 Sub Program Code: SRS 0 Rank Val: Primary Action: False Clean Up Report: False Comment: CONV

Last Updated By: 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

Department of Environmental Quality Agency:

Further Action Priority Code:

06/24/1991 Start Date: Completion Date: 06/24/1991 Sub Program Code: SRS Rank Val: 0 Primary Action: False Clean Up Report: False Comment: Last Updated By: CONV 09/13/1994 Last Updated:

Created By:

Created Date: 12/17/2002 485 Emp ID:

Admin Region:

Admin Further Action Priority: Action Code: 9498 Action Category:

Action: Proposal for Confirmed Release List recommended

Site DB Map Key Number of Direction Distance Elev Records (mi/ft) (ft) True Active: Reg 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: Primary Action: False Clean Up Report: False Comment: Last Updated By: CONV 09/13/1994 Last Updated: Created By: Created Date: 12/17/2002 Emp ID: 485 Admin Region: Admin Further Action Priority: Action Code: 9499 LIST Action Category: 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: 11/12/1991 Start Date: 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:

Order No: 20170116098

Created Date: 12/17/2002 Emp ID: 485

Admin Region:

Admin Further Action Priority:

Action Code: 9438 Action Category: LIST

Facility placed on Confirmed Release List Action:

Active: True Req Priority Code: False

DB Map Key Number of Direction Distance Site Elev Records (mi/ft) (ft) Department of Environmental Quality Agency: Further Action Priority Code: Start Date: 11/20/1991 Completion Date: 11/20/1991 Sub Program Code: SAS Rank Val: Primary Action: False Clean Up Report: False Comment: CONV Last Updated By: 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: Department of Environmental Quality Agency: Further Action Priority Code: 11/20/1991 Start Date:

 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:
 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 Bonium
 1485

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:

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) Start Date: 08/13/2002 Completion Date: 07/01/2003 SRS Sub Program Code: 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: Admin Region: Northwest Region

Admin Further Action Priority: 9450 Action Code:

Action Category: RA **OPERATION & MAINTENANCE** Action:

Active: True Reg Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

Start Date: 07/02/2003

Completion Date:

Sub Program Code: SRS

Rank Val:

False Primary Action: Clean Up Report: False

Comment:

Last Updated By: **GWISTAR** 08/05/2008 Last Updated: **DBAILEY** Created By: Created Date: 11/28/2005 Emp ID: 196

Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9409 RA Action Category:

Action: Beneficial Water Use Assessment

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 03/01/1998 Completion Date: 05/05/1999

Sub Program Code:

Rank Val:

False Primary Action: 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

REMEDIAL INVESTIGATION Action:

Active: Req Priority Code: False

Department of Environmental Quality Agency:

RA

Further Action Priority Code:

01/01/2008 Start Date:

Completion Date:

Action Category:

DB Map Key Number of **Direction** Distance Elev Site Records (mi/ft) (ft) 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** 11/24/2009 Created Date: 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: 12/17/2002 Created Date: **DBAILEY** Last Updated By: Last Updated: 03/31/2014

Narrative

Narrative Code: 1901

Description: **Data Sources** Comment: NWR files

Created By:

12/17/2002 Created Date: **DBAILEY** Last Updated By: Last Updated: 03/31/2014

Narrative

Narrative Code:

1903 Description:

Hazardous Substance/Waste Types 1,1-DCE, PCE, TCE, vinyl chloride Comment:

Created By:

Created Date: 12/17/2002 Last Updated By: **DBAILEY** 03/31/2014 Last Updated:

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 **DBAILEY** Last Updated By: Last Updated: 03/31/2014

Narrative 1908

Narrative Code: Description: Media Contamination

Sampling data are available in several documents in the Carlton Project File including the Remedial Investigation Comment:

Report (6/92) and Annual Reports (2000 through 2013), Additional Investigation and remediation reports.

Order No: 20170116098

Created By:

Created Date: 12/17/2002 Last Updated By: **DBAILEY** 03/31/2014 Last Updated:

Narrative

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

Narrative Code:

1911

Description: Comment:

Pathways & Other Hazards

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

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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

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Narrative

Narrative Code: 1914

Description: Remedial Action

Comment: Remedial Actio

(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 tecnologies have been implemented at the property and remain in progress.

Order No: 20170116098

Created By:

 Created Date:
 12/17/2002

 Last Updated By:
 DBAILEY

 Last Updated:
 10/20/2015

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Narrative -- -- -- Narrative Code: 1

Description: Substances of Concern

Number of Direction Distance Site DB Map Key Elev Records (mi/ft) (ft)

TCE, VC, PCE, 1,1-DCE Comment:

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** (December 2012) Carlton Company, owned by Blount, Inc. manufactures metal chains for chain saws and Comment:

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. 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 progess to address contamination

under the building that was not observed in the initial investigation.

Created By: **DBAILEY** 12/06/2012 Created Date: Last Updated By: **DBAILEY** Last Updated: 12/06/2012

s 0.69 / 93.70 Carlton Co. 121 2 of 2 **ECSI** 3,627.84 3901 SE Naef Rd Oak Grove OR 97268

Site Alias Name:

Range Coord:

Section Coord:

Qtr Sec Coord:

Display Order:

Lat Decimal:

Lat Degrees:

Lat Minutes:

Lat Seconds:

Long Decimal:

Long Degrees:

Long Minutes:

Long Seconds:

Range Zone:

Carlton Blount; Carlton Sawchain

Order No: 20170116098

1.00

F

Λ

45

24

5.00

-122

37 23.20

45.4014

-122.6231

13

Site ID: Created on Dt: 07/01/1990 Investi Status: Listed on the CRL/Inventory Last Update Dt: 09/27/2016

Furth Act Priority: 0

CERCLIS NO:

False NPL?: Legis Fund Code: 831 Brownfield Desc: 0 Study Area Flag: False

Orphan Flag: Score Value:

21E-13A-00722 Tax Lots: Size: 7.5 acres FACA Identifier: 1101

County Name:

Northwest Region Region:

Town S Coord: 2.00 Township Zone: S

Site Control

Deed Notice Control: Informational Devices Group:

False

Begin Date: 05/20/1999

Frequency of Review:

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

erisinfo.com | Environmental Risk Information Services

End Date:

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

UST.

Last Reviewed By: D. Bailey Last Reviewed Date:

Last Updated By: DBAILEY
Last Updated Date: 06/23/2004

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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:

Last Updated By: DBAILEY
Last Updated Date: 06/23/2004

-

Control: Periodic montioring & 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

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Operation ID:132344Operation Status:ActiveCommon 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).

Order No: 20170116098

Process:

Process Comments:

SIC Codes: 3546

Hazard Release

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Substance ID: 121781

Name:TRICHLOROETHYLENEAlias Name:ETHINYL TRICHLORIDE

Description:

Quantity:unknownDates Comment:unknownLast Updated:05/08/2003Last Updated By:DBAILEY

Sampling Result

<u>.</u> -

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

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) Lab Data: True Sample Depth: Start Date: End Date: Min Concentration: Max Concentration: Comment: up to 850 ug/kg Release Commments **Data Sources** Release Comment: Comment: 2002 Annual Performance Report Hazard Release Substance ID: 121781 **TRICHLOROETHYLENE** Name: 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 MW-10-1 Sample Depth: 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) Soil Medium: **Unit Code:** False Observation: Owner/Operator: False True Sample Depth: Start Date: End Date: Min Concentration: Max Concentration: up to 850 ug/kg Comment: Release Commments Release Comment: **Data Sources** Comment: 2002 Annual Performance Report Hazard Release Substance ID: TRICHLOROETHYLENE Name: Alias Name: **TRICHLOROETHENE** Description: Quantity: unknown

Order No: 20170116098

unknown

05/08/2003 DBAILEY

Dates Comment:

Last Updated By: --Sampling Result

Last Updated:

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) Medium: Groundwater **Unit Code:** Observation: False Owner/Operator: False Lab Data: True MW-10-1 Sample Depth: 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) Soil Medium: **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 Commments 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 **DBAILEY** Last Updated By: Sampling Result Groundwater Medium: **Unit Code:** Observation: False Owner/Operator: False True Lab Data: Sample Depth: MW-10-1 10/03/2002 Start Date: End Date: Min Concentration: Max Concentration: up to 3,400 ug/L (up to 73,000 ug/L historically) Comment: Medium: Soil **Unit Code:** Observation: False Owner/Operator: False Lab Data: True Sample Depth: Start Date:

Order No: 20170116098

up to 850 ug/kg

End Date: Min Concentration: Max Concentration: Comment:

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

Order No: 20170116098

11/19/1990 Start Date: Completion Date: 10/28/1993

Sub Program Code: SRS Rank Val: 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:

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Action Code: 9473 Action Category: RA

Action: REMEDIAL DESIGN

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

 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:

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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 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:SASRank Val:0Primary Action:FalseClean Up Report:FalseComment:

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:

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Action Code: 9425 Action Category: RA

Action: SITE EVALUATION

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

11/18/1990 Start Date: Completion Date: 11/18/1990 Sub Program Code: SRS Rank Val: 0 Primary Action: False Clean Up Report: False Comment: Last Updated By: dmc 11/27/1995 Last Updated:

Created By:

Created Date:12/17/2002Emp ID:485Admin Region:Headquarters

Admin Further Action Priority:

Action Code: 9503 Action Category: RA

Action: Remedial Investigation/Feasibility Study recommended

Site DB Map Key Number of Direction Distance Elev Records (mi/ft) (ft) True Active: Reg 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: Primary Action: False Clean Up Report: False Comment: Last Updated By: dmc 04/05/1995 Last Updated: Created By: Created Date: 12/17/2002 Emp ID: 485 Admin Region: Admin Further Action Priority: Action Code: 9491 Action Category: RA REMOVAL Action: 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 False Clean Up Report: Comment: Last Updated By: imw 11/18/1998 Last Updated: Created By: Created Date: 12/17/2002 Emp ID: Northwest Region Admin Region: Admin Further Action Priority: Action Code: 9448 LIST Action Category: Action: Review for final listing Active: True Req Priority Code: False Agency: Department of Environmental Quality Further Action Priority Code: 11/12/1991 Start Date: 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

Order No: 20170116098

Admin Further Action Priority:
-Action Code: 9488
Action Category: LIST

Action: Listing on Confirmed Release List recommended

485

Active: False Req Priority Code: False

Emp ID:

Admin Region:

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) Department of Environmental Quality Agency: Further Action Priority Code: Start Date: 11/12/1991 Completion Date: 11/12/1991 Sub Program Code: SRS Rank Val: Primary Action: False Clean Up Report: False Comment: CONV Last Updated By: 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: Department of Environmental Quality Agency: Further Action Priority Code: 06/16/1991 Start Date: Completion Date: 06/16/1991 Sub Program Code: SRS Rank Val: 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 SITE SCORING Action: 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: Primary Action: False Clean Up Report: False Comment: Last Updated By: CONV

Order No: 20170116098

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:

Site DB Map Key Number of Direction Distance Elev Records (mi/ft) (ft) Start Date: 11/23/1992 Completion Date: 11/23/1992 SAS Sub Program Code: Rank Val: 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: 9430 Action Code: Action Category: LIST Action: Petition or request granted Active: True Reg Priority Code: 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: False Primary Action: 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 RA Action Category: FEASIBILITY STUDY Action: Active: True Req Priority Code: 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: Primary Action: False Clean Up Report: False Comment: Last Updated By: jmw 05/02/2000 Last Updated: Created By: Created Date: 12/17/2002 Emp ID: 485 Admin Region: Headquarters Admin Further Action Priority:

Order No: 20170116098

Action Code: 9484 RA Action Category:

REMEDIAL INVESTIGATION Action:

Active: Req Priority Code: Department of Environmental Quality

Agency:

Further Action Priority Code:

11/19/1990 Start Date: Completion Date: 10/28/1993

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Sub Program	Code:	SRS				
Rank Val:		0				
Primary Action	on:	False				
Clean Up Rep Comment:	oort:	False				
Last Updated	l Bv:	dmc				
Last Updated Created By:		11/27/1995				
Created Date	:	12/17/2002				
Emp ID:		485				
Admin Regio Admin Furthe	n: er Action Priority:	Headquarters				
 Action Code		 0427				
Action Code: Action Categ		9437 LIST				
Action:	ory.	Listing Review of	ompleted			
Active:		True	ompieted			
Req Priority	Code:	False				
Agency:	Joue.		invironmental Qua	ality		
	n Priority Code:	Dopartmont of L	viioiiiioiitai Que	,		
Start Date:	,	06/17/1991				
Completion L	Date:	06/17/1991				
Sub Program	Code:	SRS				
Rank Val:		0				
Primary Action	on:	False				
Clean Up Rep	oort:	False				
Comment:						
Last Updated		CONV				
Last Updated Created By:	:	09/13/1994				
Created Date		12/17/2002				
Emp ID:	•	485				
Admin Regio	n:					
	er Action Priority:					
 Action Code:		 9465				
Action Categ		LIST				
Action:			d for Confirmed R	elease List		
Active:		True				
Req Priority	Code:	False				
Agency:		Department of E	invironmental Qua	ality		
	n Priority Code:					
Start Date:		06/24/1991				
Completion L		06/24/1991				
Sub Program Rank Val:	Coue.	SRS 0				
Primary Action	n.	False				
Clean Up Rep		False				
Comment:						
Last Updated	l By:	CONV				
Last Updated	l:	09/13/1994				
Created By:						
Created Date	:	12/17/2002				
Emp ID: Admin Regio	n.	485				
	er Action Priority:					
Action Code:		 9467				
Action Categ		LIST				
Action:	•	Facility propose	d for Inventory			
Active:		True	,			
Req Priority	Code:	False				
Agency:		Department of E	invironmental Qua	ality		
	n Priority Code:	00/04/:55:				
Start Date:	2040.	06/24/1991				
Completion L		06/24/1991 SRS				
Sub Program Rank Val:	coue.	0				
vai.		•				

Man Kay Number of	Direction	Distance	Elov	Sito	D.P.
Map Key Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Primary Actions	False				
Primary Action: 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:	400				
Admin Region. Admin Further Action Priority:					
Action Code:	9498				
Action Category:	LIST				
Action:	Proposal for Co	nfirmed Release L	ist recommended	d	
Active:	True				
Req Priority Code:	False				
Agency:		Environmental Qua	lity		
Further Action Priority Code:	20pa 01 L		,		
Start Date:	06/17/1991				
	06/17/1991				
Completion Date:					
Sub Program Code:	SRS				
Rank Val:	0 Foloo				
Primary Action:	False				
Clean Up Report:	False				
Comment:	CONV				
Last Updated By:	CONV				
Last Updated:	09/13/1994				
Created By:	12/17/2002				
Created Date:					
Emp ID:	485				
Admin Region:					
Admin Further Action Priority:					
 Action Code:	 9499				
	LIST				
Action Category:			dad		
Action:		entory recommend	aea		
Active:	True				
Req Priority Code:	False		Ita.		
Agency:	Department of E	Environmental Qua	ility		
Further Action Priority Code:	06/47/4004				
Start Date:	06/17/1991				
Completion Date:	06/17/1991				
Sub Program Code:	SRS				
Rank Val:	0 Falsa				
Primary Action:	False				
Clean Up Report:	False				
Comment:	CONIV				
Last Updated By:	CONV				
Last Updated:	09/13/1994				
Created By:	10/17/0000				
Created Date:	12/17/2002				
Emp ID:	485				
Admin Region:					
Admin Further Action Priority:					
Action Code:	9489				
Action Category:	LIST				
Action:	-	tory recommended	d		
Active:	False				
Req Priority Code:	False		_		
Agency:	Department of E	Environmental Qua	ılity		
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				

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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:11/20/1991Completion Date:11/20/1991Sub Program Code:SASRank Val:0Primary Action:FalseClean Up Report:FalseComment:

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:
Action:

LIST
Facility placed on Inventory

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

11/20/1991 Start Date: 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:
 False

Last Updated By: dmc

DB Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) 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 REMEDIAL ACTION Action: Active: True Reg Priority Code: Department of Environmental Quality Agency: Further Action Priority Code: Start Date: 08/13/2002 07/01/2003 Completion Date: 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** 01/23/2003 Created Date: Emp ID: 196 Northwest Region Admin Region: Admin Further Action Priority: Action Code: 9450 Action Category: RA **OPERATION & MAINTENANCE** Action: Active: True Req Priority Code: False Agency: Department of Environmental Quality Further Action Priority Code: 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: Action Code: 9409 Action Category: RA Beneficial Water Use Assessment Action: Active: True Req Priority Code: False Agency: Department of Environmental Quality Further Action Priority Code: Start Date: 03/01/1998 Completion Date: 05/05/1999 Sub Program Code:

Order No: 20170116098

Rank Val:

Primary Action: False Clean Up Report:

False Comment:

Last Updated By: **DBAILEY** Last Updated: 03/13/2006 Created By: **DBAILEY**

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

Order No: 20170116098

03/31/2014

Last Updated:

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

--

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:

Narrative

 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

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 -- -- 1912

Description: Project Type

Comment: Consent Order, State lead.

Created By:

Comment:

Created Date: 12/17/2002

Last Updated By:

Last Updated: 12/17/2002

--

Narrative Code: 1914

Description: Remedial Action

(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 tecnologies 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 ConcernComment: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

 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 Compa

SSE

(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 progess to address contamination

under the building that was not observed in the initial investigation.

109.82

Created By:DBAILEYCreated Date:12/06/2012Last Updated By:DBAILEYLast Updated:12/06/2012

122

 Milwaukie OR 97267

 Site ID:
 1666
 Created on Dt:
 03/23/1995

3,754.75

Investi Status: No Further Action Created on Dt: 03/23/1998

Last Update Dt: 12/14/2008

0.71/

Furth Act Priority: 0

CERCLIS NO:

1 of 1

NPL?: False
Legis Fund Code: 831
Brownfield Desc: 0
Study Area Flag: False

Orphan Flag: False
Score Value:
Tax Lots:

Size: 4.7 acres FACA Identifier: 14286

 Created on Dt:
 03/23/1995

 Last Update Dt:
 12/14/2006

 Site Alias Name:

Riverside Jeep-Eagle

16803 SE McLoughlin Blvd.

ECSI

Order No: 20170116098

Range Coord: 1.00
Range Zone: E
Section Coord: 13

 Section Coord:
 13

 Qtr Sec Coord:
 0

 Display Order:
 0

 Lat Decimal:
 45.4010

 Lat Degrees:
 45

 Lat Minutes:
 24

 Lat Minutes:
 24

 Lat Seconds:
 3.60

 Long Decimal:
 -122.6208

DΒ Map Key Number of **Direction** Distance Elev Site Records (mi/ft) (ft)

County Name: Long Degrees: -122 Region: Northwest Region Long Minutes: 37 Town S Coord: 14.90 2.00 Long Seconds:

Township Zone:

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

121011

Substance ID: Name: **TETRACHLOROETHYLENE**

TETRACHLOROETHENE Alias Name:

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:

11/27/1995 Start Date:

End Date:

Min Concentration: Max Concentration:

Comment: 20.7 ppb

Hazard Release

Substance ID: 121011

TETRACHLOROETHYLENE Name: 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:

11/27/1995 Start Date:

End Date:

Min Concentration:

Max Concentration:

Comment: 20.7 ppb

Hazard Release

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

Order No: 20170116098

Medium: Groundwater

Unit Code:

Observation:FalseOwner/Operator:FalseLab Data:True

Sample Depth:

Start Date: 11/27/1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
End Date:	441					
Min Concen Max Concen						
Comment:	aration.	20.7 ppb				
Hazard Rele	ase					

Name: **TETRACHLOROETHYLENE**

121011

PERCLENE Alias Name:

Description:

Quantity: unknown Dates Comment: unknown Last Updated: 12/02/1996 Last Updated By:

Sampling Result

Medium: Groundwater

Unit Code: False Observation:

Owner/Operator: False Lab Data: True Sample Depth:

11/27/1995 Start Date:

End Date: Min Concentration:

Substance ID:

Max Concentration: 20.7 ppb Comment:

Hazard Release

Substance ID: 121011

TETRACHLOROETHYLENE Name: Alias Name: ETHENE, TETRACHLORO-

Description:

Quantity: unknown **Dates Comment:** unknown Last Updated: 12/02/1996

Last Updated By:

Sampling Result

Groundwater Medium:

Unit Code: Observation: False False Owner/Operator: 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Medium:		Soil				
Unit Code:						
Observation:		False				
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		05/20/1994				
End Date:						
Min Concent						
Max Concent Comment:	ration:	58,600 ppm				
Hazard Relea	ise					
Substance IE);	121982				
Name:		DIESEL - FUEL	OIL			
Alias Name:						
Description:						
Quantity:		unknown				
Dates Comm		1989-1994				
Last Updated		04/19/1995				
Last Updated	l By:					
 Sampling Re	sult					
		 Cail				
Medium: Unit Code:		Soil				
Observation:		False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		10/22/1994				
End Date:						
Min Concent	ration:					
Max Concent	tration:					
Comment:		15,560 ppm				
Hazard Relea	ise					
 Substance ID	١,	 121983				
Name:	·-	GASOLINE				
Alias Name:		O/ (OOLII 12				
Description:						
Quantity:		unknown				
Dates Comm		1989-1994				
Last Updated		04/19/1995				
Last Updated	l By:					
 Sampling Re	sult					
	-					
Medium:		Soil				
Unit Code:						
Observation:		False				
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept	h:	40/00/4004				
Start Date:		10/22/1994				
End Date: Min Concent	ration:					
Max Concent						
Comment:		130 ppm				
Hazard Relea	ise					
Substance ID):	121051				
Name:	·-	XYLENEs				
Alias Name:		XYLOLs				
Description:						

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Quantity:		unknown				
Dates Comm		1989-1994				
Last Updated		04/19/1995				
Last Updated	d By:					
 Sampling Re	sult					
 Medium:		 Soil				
Unit Code:		3011				
Observation:	•	False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		10/22/1994				
End Date:						
Min Concent						
Max Concent	tration:	0 2 nnm				
Comment:		8.3 ppm 				
 Hazard Relea	se					
Substance IL	D:	121051				
Name:		XYLENEs				
Alias Name:		DIMETHYLBEN	NZENEs			
Description:						
Quantity:		unknown 1989-1994				
Dates Comm Last Updated		1989-1994 04/19/1995				
Last Updated		U-7/13/133U				
	y ·					
Sampling Re	sult					
Medium:		Soil				
Unit Code:						
Observation	•	False				
Owner/Opera	ator:	False				
Lab Data:		True				
Sample Dept	n:	10/22/1004				
Start Date: End Date:		10/22/1994				
Min Concent	ration:					
Max Concen						
Comment:		8.3 ppm				
Hazard Relea	ise					
 Substance IL	١٠	 121610				
Name:	·.	TRICHLOROE	THANE.1.1.1-			
Alias Name:		CHLOROTHEN				
Description:						
Quantity:		unknown				
Dates Comm		1989-1994				
Last Updated		04/19/1995				
Last Updated	з ву:					
 Sampling Re	sult					
ro	-					
Medium:		Soil				
Unit Code:						
Observation:		False				
Owner/Opera	itor:	False True				
Lab Data: Sample Dept	h·	rrue				
Start Date:		10/22/1994				
End Date:						
Min Concent						
Max Concent	tration:	3.4 nnm				
Comment:		3.4 ppm				

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

Order No: 20170116098

False

False

True

Lab Data:

Observation: Owner/Operator:

Site DΒ Map Key Number of **Direction** Distance Elev Records (mi/ft) (ft) Sample Depth: Start Date: 10/22/1994 End Date: Min Concentration: Max Concentration: 3.4 ppm Comment: Medium: Groundwater **Unit Code:** Observation: False Owner/Operator: False Lab Data: True Sample Depth: 10/23/1994 Start Date: End Date: Min Concentration: Max Concentration: Comment: 2.3 ppb Hazard Release Substance ID: 121610 TRICHLOROETHANE,1,1,1-Name: Alias Name: TCA,1,1,1-Description: unknown Quantity: 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 True Lab Data: Sample Depth: Start Date: 10/23/1994 End Date: Min Concentration: Max Concentration: 2.3 ppb Comment: Hazard Release Substance ID: 121907 Name: DICHLOROBENZENE,1,2-DOWTHERM E Alias Name: Description: Quantity: unknown Dates Comment: unknown

Order No: 20170116098

04/19/1995

Last Updated:

Last Updated By: --Sampling Result

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft) 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 DICHLOROBENZENE,1,2-Name: 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 DICHLOROBENZENE,1,2-Name: **CHLOROBEN** 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: 19.1 ppb Comment:

Order No: 20170116098

DILANTIN DB

DICHLOROBENZENE,1,2-

121907

Name: Alias Name:

Hazard Release --Substance ID:

Site DΒ Map Key Number of Direction Distance Elev Records (mi/ft) (ft) 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: 19.1 ppb Comment: Hazard Release Substance ID: 121907 DICHLOROBENZENE,1,2-Name: 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 DICHLOROBENZENE,1,3-Name: 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:** False

Order No: 20170116098

Observation:

Owner/Operator: False Lab Data: True

Sample Depth:

Start Date: 05/24/1994

End Date:

Min Concentration: Max Concentration:

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Comment:		79.6 ppb				
 Hazard Relea	ise					
Substance II Name: Alias Name: Description:):	121433 DICHLOROBE DICHLOROBE				
Quantity: Dates Comm Last Updated Last Updated	d: d By:	unknown 04/19/1995				
Sampling Re	sult	-				
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept Start Date:	ntor:	Groundwater False False True 05/24/1994				
End Date: Min Concent Max Concent Comment:		79.6 ppb				
 Hazard Relea	ise					
Substance II Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated Sampling Re Medium: Unit Code: Observation:	ent: i: i By: sult	120838 DICHLOROBE PDB unknown unknown 04/19/1995 Groundwater False	NZENE,1,4-			
Owner/Opera Lab Data: Sample Dept Start Date: End Date: Min Concent Max Concent Comment:	h: ration:	False True 05/24/1994 43.6 ppb				
 Hazard Relea	ise					
Substance IL Name: Alias Name: Description: Quantity: Dates Comm Last Updated	ent: i:	120838 DICHLOROBE PARAMOTH unknown unknown 04/19/1995	NZENE,1,4-			
 Sampling Re	sult					
 Medium: Unit Code: Observation:		Groundwater False				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Owner/Opera	ntor:	False				
Lab Data:		True				
Sample Dept	h:	0=10.11.00.1				
Start Date:		05/24/1994				
End Date: Min Concent	ration:					
Max Concent						
Comment:	addon.	43.6 ppb				
Hazard Relea	ise					
Substance IE) <i>:</i>	120838				
Name:		DICHLOROBE				
Alias Name:		PARADICHLO	ROBENZENE			
Description:		unlenguen				
Quantity: Dates Comm	ont:	unknown unknown				
Last Updated		04/19/1995				
Last Updated		0 17 107 1000				
	•					
Sampling Re	sult					
Medium: Unit Code:		Groundwater				
Observation:		False				
Owner/Opera		False				
Lab Data:		True				
Sample Dept	h:					
Start Date:		05/24/1994				
End Date:						
Min Concent Max Concent						
Comment:	rauori.	43.6 ppb				
Hazard Relea	ise					
 Cubatanaa II	٠.	 120838				
Substance IE Name:);	DICHLOROBE	NZENE 1 /L			
Alias Name:		DICHLOROBE				
Description:			,			
Quantity:		unknown				
Dates Comm		unknown				
Last Updated		04/19/1995				
Last Updated	ву:					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code:		Foloo				
Observation: Owner/Opera		False False				
Lab Data:	nor.	True				
Sample Dept	h:	Tiuo				
Start Date:		05/24/1994				
End Date:						
Min Concent						
Max Concent	tration:	12 6 nnh				
Comment:		43.6 ppb 				
Hazard Relea	ise					
Substance IE):	120838				
Name:	-	DICHLOROBE	NZENE,1,4-			
Alias Name:		BENZENE,1,4-				
Description:						
Quantity:		unknown				
Dates Comm		unknown 04/19/1995				
Last Updated	1.	04/18/1883				

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Last Updated	Ву:					
 Sampling Re	sult					
 Medium:		 Groundwater				
Unit Code:						
Observation:		False				
Owner/Opera Lab Data:	tor:	False True				
Sample Depti Start Date:	h:	05/24/1994				
End Date: Min Concent						
Max Concent Comment:	ration:	43.6 ppb				
 Hazard Relea	se					
Substance ID):	120838				
Name:		DICHLOROBEN				
Alias Name:		DI-CHLORICIDI	E			
Description: Quantity:		unknown				
Dates Comm		unknown				
Last Updated		04/19/1995				
Last Updated	Ву:					
Sampling Re	sult					
Medium:		Groundwater				
Unit Code:						
Observation: Owner/Opera		False False				
Lab Data:	tor.	True				
Sample Dept	h:					
Start Date: End Date:		05/24/1994				
Min Concent	ration:					
Max Concent						
Comment:		43.6 ppb				
 Hazard Relea	se					
Substance ID):	121774				
Name:		DICHLOROPRO				
Alias Name: Description:		PROPYLENE D	ICHLORIDE			
Quantity:		unknown				
Dates Comm		unknown				
Last Updated Last Updated		04/19/1995				
 Sampling Re	sult					
 Medium: Unit Code:		Groundwater				
Observation:		False				
Owner/Opera		False				
Lab Data:	h.	True				
Sample Depti Start Date:	· .	05/24/1994				

End Date:

Min Concentration:

Max Concentration:

Comment: 110.9 ppb

Hazard Release

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

Order No: 20170116098

05/24/1994

False

True

Lab Data:

Owner/Operator:

Sample Depth: Start Date:

DΒ Map Key Number of **Direction** Distance Elev Site Records (mi/ft) (ft)

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:

False Observation: Owner/Operator: False Lab Data: True Sample Depth:

11/27/1995 Start Date:

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

TRICHLOROETHYLENE Name: ETHINYL TRICHLORIDE Alias Name:

Description:

Quantity: unknown Dates Comment: unknown 04/19/1995 Last Updated:

Last Updated By:

Sampling Result

Medium: Groundwater

Unit Code: Observation: False Owner/Operator: False Lab Data: True

Sample Depth:

End Date:

Start Date: 11/27/1995

Min Concentration:

Max Concentration:

1,900 ppb Comment: Medium: Groundwater

Мар Кеу	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Unit Code: Observation: Owner/Opera Lab Data: Sample Dept: Start Date: End Date: Min Concent	tor: h: ration:	False False True 10/10/1994				
Comment: Hazard Relea		1,600 ppb 				
	se					
Substance ID Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated	ent: !:	121781 TRICHLOROET ETHYLENE TR unknown unknown 04/19/1995				
 Sampling Re	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Depti Start Date: End Date: Min Concenti	tor: h: ration:	False False True 11/27/1995				
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Dept: Start Date: End Date: Min Concenti Max Concent	tor: h: ration:	1,900 ppb Groundwater False False True 10/10/1994				
 Hazard Relea	se					
Substance ID Name: Alias Name: Description: Quantity: Dates Comm Last Updated Last Updated	ent: !:	121781 TRICHLOROET TCE unknown unknown 04/19/1995	ΓHYLENE			
 Sampling Re	sult					
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Depti	tor:	Groundwater False False True 11/27/1995				

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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:FalseOwner/Operator:FalseLab Data:True

Sample Depth:

Start Date: 11/27/1995

End Date:

Min Concentration:

Max Concentration:

Comment: 1,900 ppb

Medium: Groundwater

Unit Code:

Observation:FalseOwner/Operator:FalseLab 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

DΒ Map Key Number of Direction Distance Site Elev Records (mi/ft) (ft)

False Clean Up Report:

Comment: Recommend removal of contaminated soil.

Last Updated By: kpd Last Updated: 03/18/1999 Created By:

Created Date:

12/17/2002 Emp ID:

Northwest Region Admin Region:

Admin Further Action Priority: Medium

Action Code: 9442 Action Category: RA

NEGOTIATIONS Action:

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:

Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9459 Action Category: RΑ

Action: PRELIMINARY ASSESSMENT EQUIVALENT

Active: True Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code:

Start Date: 10/08/1997 01/05/1998 Completion Date: **VCS** Sub Program Code: 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:

Admin Region: Northwest Region

Admin Further Action Priority:

9426 Action Code: 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:

Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

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 VCS Sub Program Code: 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:

9424 Action Code: Action Category: **ADMIN**

Site added to database Action:

Active: True

Req Priority Code: False Agency:

Further Action Priority Code:

Department of Environmental Quality

Start Date:

03/23/1995 Completion Date:

Sub Program Code: VCS Rank Val: O **Primary Action:** False Clean Up Report: False

Comment:

Last Updated By: dmc

04/10/1995 Last Updated: Created By: Created Date: 12/17/2002 Emp ID: 627

Admin Region: Northwest Region

Admin Further Action Priority:

Action Code: 9425 RA Action Category:

SITE EVALUATION Action:

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 03/22/1995 Completion Date: 03/27/1995 Sub Program Code: SAS Rank Val: 0 False Primary Action: Clean Up Report: False

Comment:

Last Updated By: imd

04/19/1995 Last Updated: Created By:

Created Date: 12/17/2002

Map Key Number of Records

Direction Distance Elev (ft)

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: Page 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 Direction Distance Elev Site DB Records (mi/ft) (ft)

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. DEQIs Site

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 &

Assessment Program agreed with the plan, and also recommended sampling for chlorinated solvents and lead.

Verification Sampling Report***.

 Created By:
 12/17/2002

 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

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

> 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 DEQIs 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: Last Updated By: Last Updated:

12/17/2002

12/17/2002

123 1 of 1 NNW 0.88/ 215.19 Cash's Drapery

4,665.12 13910 SE McLoughlin Blvd. Milwaukie OR 97267

Created on Dt:

Last Update Dt:

Site Alias Name:

Range Coord:

Section Coord:

Qtr Sec Coord:

Display Order:

Lat Decimal:

Lat Degrees:

Lat Minutes:

Lat Seconds:

Long Decimal:

Long Degrees:

Long Minutes:

Long Seconds:

Range Zone:

09/22/2015

02/08/2016

1.00

Ε

1

0

45

25

18.80

-122

58.10

37

-122.6328

45.4219

ECSI

Order No: 20170116098

Site ID: 6033 Investi Status: No Further Action

Furth Act Priority:

CERCLIS NO:

NPL?: False Leais Fund Code: 0 **Brownfield Desc:** 0 Study Area Flag: False False

Orphan Flag: Score Value: Tax Lots: Size:

FACA Identifier: 137620

County Name:

Northwest Region Region:

Town S Coord: 2.00 Township Zone: S

Admin Action Details

9424 Action Code: Action Category: **ADMIN**

Site added to database Action:

Active: True Reg 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

SITE INVESTIGATION Action:

Active: True Reg Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 09/03/2015 Completion Date: 02/04/2016 Sub Program Code: DC

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Map Key Number of Direction Distance Elev Site DB Records (mi/ft) (ft)

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:

 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

Milwaukie OR 97222

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

124 1 of 1 NNW 0.89 / 222.98 TMD Investments 4,693.91 ECSI

Мар Кеу	Number Records		Direction	Distance (mi/ft)	Elev (ft)	Site		DB
Site ID: Investi Status Furth Act Pric CERCLIS NO. NPL?: Legis Fund C Brownfield Do. Study Area Fl Orphan Flag: Score Value: Tax Lots: Size: FACA Identifit County Name Region: Town S Coort Township Zoo	ority: : code: esc: llag: ier: e:	4561 Suspect Medium False 0 0 False False 00300 22,827 sq 91198 Northwest 2.00 S			Last U Site A Range Sectic Qtr Se Displa Lat De Lat M Lat Se Long Long Long	ed on Dt: Update Dt: lias Name: e Coord: e Zone: on Coord: ex Coord: ex Gord: eximal: eximal: eximal: becimal: Decimal: Degrees: Minutes: Seconds:	12/29/2005 10/01/2015 1.00 E 1 CD 3 45.4225 45 25 21.00 -122.6323 -122 37 56.30	
Hazard Relea	se							
Substance ID Name: Alias Name: Description: Quantity: Dates Commo Last Updated Last Updated	ent: l:		121983 GASOLINE Unknown Unknown 12/29/2005 JWAGGY					
Sampling Res	sult							
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Deptl Start Date: End Date: Min Concentr	itor: h: ration:		Soil False False True					
Comment: 			140 ppm 					
Hazard Relea Substance ID Name: Alias Name: Description: Quantity: Dates Commodated Last Updated	ent: l:		 122015 OIL - WASTE Unknown Unknown 12/29/2005 JWAGGY					
 Sampling Res	sult							
Medium: Unit Code: Observation: Owner/Opera Lab Data: Sample Depti Start Date: End Date: Min Concentr Max Concent: Comment:	itor: h: ration:		Soil False False True 92,900 ppm					

DΒ Map Key Number of Direction Distance Elev Site Records (mi/ft) (ft)

Admin Action Details

9424 Action Code: Action Category: **ADMIN**

Action: Site added to database

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 12/29/2005 Completion Date: 12/29/2005

Sub Program Code:

Rank Val:

False Primary Action: 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

RA Action Category:

Site Screening recommended (EV) Action:

Active: Req Priority Code: False

Agency: Department of Environmental Quality

Further Action Priority Code: 258 12/29/2005 Start Date: 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

Tamara, Universal Applicators consultant (503-235-7099). Comment:

Created By: JWAGGY Created Date: 12/29/2005 JWAGGY Last Updated By: 12/29/2005 Last Updated:

Narrative

Narrative Code: 1899

Description:

Site consultant discovered contamined soil at concentrations of 92,900 ppm motor oil and 140 ppm gasoline. Comment:

TMD had soil samples collected because the site was possibly going to be sold.

Order No: 20170116098

Created By: **JWAGGY** Created Date: 12/29/2005 Last Updated By: **JWAGGY** 12/29/2005 Last Updated:

Narrative

Direction Site DΒ Map Key Number of Distance Elev Records (mi/ft) (ft)

Narrative Code: 1901

Data Sources Description:

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

Manner of Release Description:

Comment: Exact date, time and cause of contamination is unknown.

Created By: **JWAGGY** 12/29/2005 Created Date: Last Updated By: **JWAGGY** Last Updated: 12/29/2005

Narrative

Narrative Code: 1908

Description: Media Contamination

Comment: soil **JWAGGY** Created By: 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 corresponsence indicates a TMD consultant, Universal Applicators, was planning on removing/disposing site soils. As of December 2005, DEQ has

Order No: 20170116098

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** 12/29/2005 Last Updated:

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

Order No: 20170116098

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:WARRENMail State:NJMail Zip:07059

Max Occupants:

Emerg Contact First Name: Emerg Contact Last Name:

Phone Day: Phone Day Ext:

Flag Status:

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:

Placard Other:

Email Address: SUSAN.CALDERON@VERIZONWIRELESS.COM

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

HM06 HM Team:

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

5947 02/04/2015 Site ID: Created on Dt: Investi Status: Last Update Dt: Suspect 04/12/2016 ECSI

Order No: 20170116098

Furth Act Priority: 0 Site Alias Name:

CERCLIS NO: Range Coord: 1.00 NPL?: False Range Zone: Ε Legis Fund Code: 0 Section Coord: 36

Qtr Sec Coord: **Brownfield Desc:** 0 Study Area Flag: False Display Order:

0 45.4391 Orphan Flag: False Lat Decimal: Score Value: Lat Degrees: 45 Tax Lots: Lat Minutes: 26 20.80 Size: Lat Seconds:

-122.6390 FACA Identifier: 139749 Long Decimal: Long Degrees: -122 County Name: Long Minutes: Region: Northwest Region 38 20.40 Town S Coord: 1.00 Long Seconds:

Admin Action Details

Township Zone:

Action Code: 9424 Action Category: **ADMIN**

Action: Site added to database

S

Active: True Req Priority Code: False

Department of Environmental Quality Agency:

Further Action Priority Code:

Start Date: 02/04/2015 02/04/2015 Completion Date:

Sub Program Code:

Rank Val:

Primary Action: False Clean Up Report: False

Comment: **JSUTTER** Last Updated By: 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 False Req Priority Code:

Department of Environmental Quality Agency:

Further Action Priority Code:

02/04/2012 Start Date:

Completion Date:

SAS Sub Program Code:

Rank Val:

Primary Action: True Clean Up Report: False

Comment: **GWISTAR** Last Updated By:

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 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

Order No: 20170116098

 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

NPL National Priority List:

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

<u>Comprehensive Environmental Response, Compensation and Liability Information System-CERCLIS:</u>

CERCLIS

Order No: 20170116098

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:

RCRATSD

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 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

Order No: 20170116098

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 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

Order No: 20170116098

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

Order No: 20170116098

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:

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 10, which include Oregon.

Government Publication Date: Apr 15, 2016

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 10, which includes Oregon.

Government Publication Date: Apr 15, 2016

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA. Government Publication Date: Apr 26, 2016

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Nov 09, 2016

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

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

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: 1987-2015

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 08, 2016

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Government Publication Date: Sep 12, 2016

Inventory of Open Dumps, June 1985:

ODI

Order No: 20170116098

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

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 ongressional concerns that solid waste open dump sites located on American Indian or Alaska Native (Al/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:

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

<u>HIST TSCA:</u>

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 DRYCL FANER

Order No: 20170116098

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

<u>Drycleaner Facilities:</u>

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):

MI TS

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:

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

Order No: 20170116098

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:

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

Order No: 20170116098

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

<u>Drycleaner Facilities list:</u>

DRYCLEANERS

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

<u>Database Descriptions:</u> This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

<u>Detail Report</u>: 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.

<u>Distance:</u> 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.

<u>Elevation:</u> 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.'

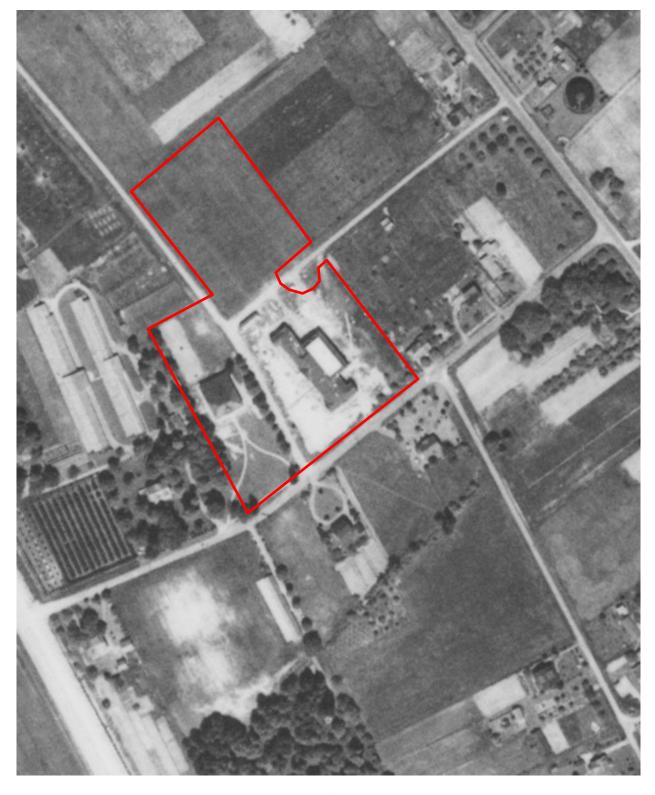
<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Order No: 20170116098

APPENDIX D

HISTORICAL RESEARCH RECORDS

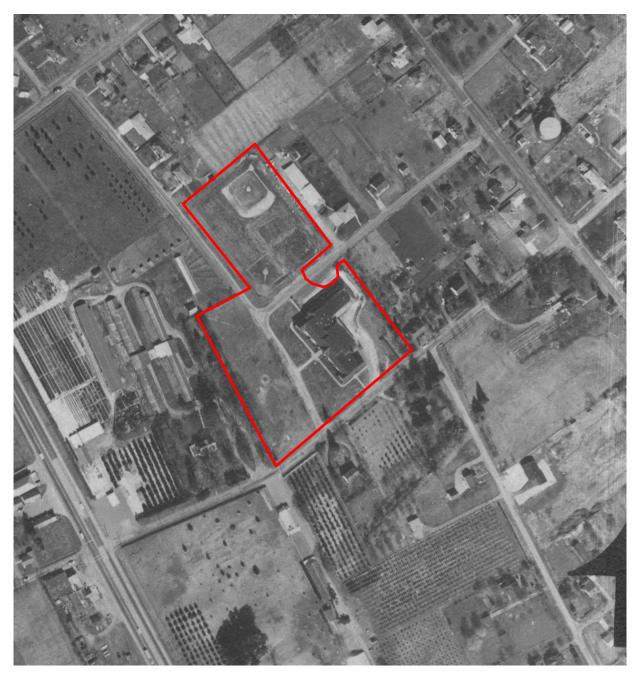
Historical Aerial Photographs
Building Department Records
Local Street Directories
Previous Environmental Reports



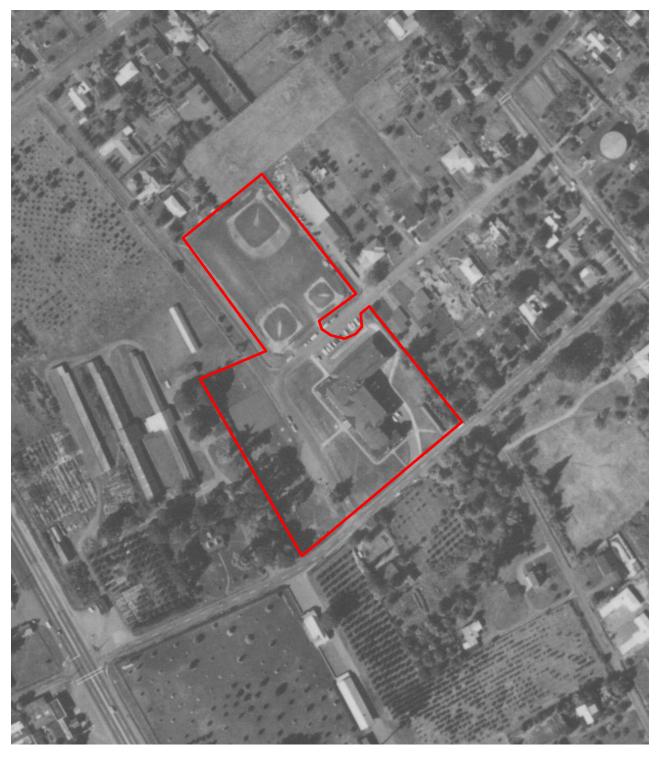
1936 Aerial Photograph



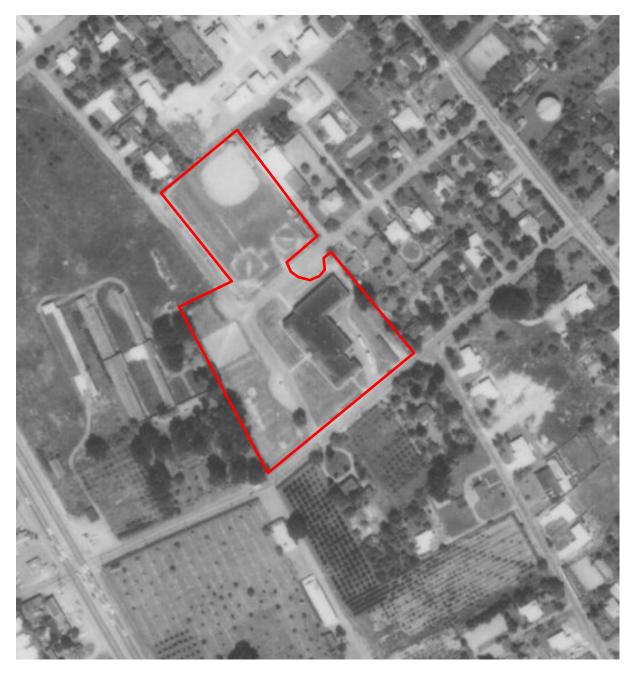
1944 Aerial Photograph



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

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

Register for an Account		Login
Search	aran	<i>≱</i> ₹

Home	Building	Engineering	Planning	Soils	Code Enforcement	
		Sea	rch Applications	Schedule a	n Inspection	
		······································				
ecord B033	2692:					

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

Owner:

N CLACKAMAS SCH DIST #12

More Details

Project Description:

RETAINING WALL CONCORD ELEMENTARY SCHOOL

>	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.

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

Planning

Engineering

	Register for an Account	I	Login
Search.			<i>J</i> v

ornostroso	*********	******	 40.900.000

Building - Commercial New

Building

View Permit Documents

Record B0020096:

Home

₩ Work Location

3811 SE CONCORD RD

Clackamas

Record Details

Applicant:

COOPER CONSTRUCTION CO COOPER CONSTRUCTION CO 701 SE WOODWARD ST 20000 Home Phone:0002323121

Owner:

N CLACKAMAS SCH DIST #12

More Details

Project Description:

Soils

Search Applications | Schedule an Inspection

CONCORD ELEM / STORM DAMAGE CONCORD ELEMENTARY SCHOOL

Code Enforcement

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.

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

Register for an Account	<u>Login</u>
Search	 & V

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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

Owner:

N CLACKAMAS SCH DIST #12 4444 SE LAKE RD MILWAUKIE OR 97222

More Details

Project Description:

REPAIR CEILING DAMAGE - SPRINKLER PIPES REPAIR CEILING DAMAGE - SPRINKLER PIPES

> 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

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

Register for an Account	1	<u>Login</u>
Search		<i>J</i>

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

Owner:

N CLACKAMAS SCH DIST #12 4444 SE LAKE RD MILWAUKIE OR 97222

More Details

Project Description:

CONCORD ELEMENTARY SCHOOL/RE-ROOF CONCORD ELEMENTARY SCHOOL/RE-ROOF

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

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

Register for an Account	1	<u>Login</u>
Search		<i>J.</i> ▼

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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

Owner:

N CLACKAMAS SCH DIST #12 4444 SE LAKE RD MILWAUKIE OR 97222

More Details

Project Description:

CONCORD ELEMENTARY SCHOOL -ADDITION/REMODEL CONCORD ELEMENTARY SCHOOL -ADDITION/REMODEL

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

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

Register for an Account	<u>Login</u>
Search	J. v

п	O.	,,	E	

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

Owner:

N CLACKAMAS SCH DIST #12 4444 SE LAKE RD MILWAUKIE OR 97222

▶ More Details

Project Description:

REPLACE 40' OF KITCHEN DRAIN PIPE REPLACE 40' OF KITCHEN DRAIN PIPE

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

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

Register for an Account	Login
Search	Y) w

Home	
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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

>	=e	es

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



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 COLE PAGE 530 2008 PORTLAND						
Michael F Geertsen 02 • 503,786,4833 3001 ★ Cornerstone Christian Fellowship	23 ♦ Margaret G Robertson	67 Kenneth C Wiest 96 503 228 8837	77 + 1 C M Drosepti			
+ 503.659.3488 Antoinette M Hedrick		47 Nathan F Withee	*Evaristo Maldonado 06 503.473.783 24 Kathy A McCormick 02 503.690.292 24 Ronald G McCormick 02 503.690.292 17 Esther Nahuway 03 MP			
Frankin D Hednox	40 William Joarente Skate . 98	113 Maria Zavida 0.5 NP 113 Maria Zavida 0.5 NP 5.8 Yolanda A Zenis 0.6 NP 3718 \cdot K Smith 96 NP \cdot Lurel A Smith 96 NP 0.1 Aurel A Smith 96 NP	17 Esther Nahuway 02 503.690 2992 Adam Soto			
Matthew Darrow	80 Mark R Smith	3718♦ K Smith	Adam Soto 02 503 690 754 19 Catalina Soto 02 503 614273 19 Ramiro Soto 02 503 614273 19 Ramiro Soto 02 503 466 906 9 Christina Stock 06 MP			
Tyler Toney + \$503.659.5285 3026 Beverty Jean Summerville 69 \$503.654.1928	71 + Sout Connections 03 503.657.5003 27 Dan Sumner 06 503.653.5782	3802 Lillian I Hanson 01 503 654 0349				
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 Edward Hunter	78 Cleo L Venturine 02 • 503.794.9214		44 Lyndi Ams			
3066 Jana R Goolsby 85 NP -SE PERSONS CT INTS	12 Unnstopner Walker U4 NP		#R Lizarraga			
3110 Barbara Jean Myrick 91 * 503.654.1452 Robert Stephen Myrick 91 * 503.654.1452 3111 Jonathon A Gaipo 03 * NP	60 Shirley Jean Wall	# Habromania Inc	3 *Shalom International Inc. 03 2 Curt Siffert			
Lisa J Gaipo	19 Marjorie W Williams	3907 Hoa N Quizon	6 Teresa Ann Symonds			
*Oret Lic	31 Lynn Kent Wilson	3915 Mark E Harvey 93 • 503.786.0626 Susan L Harvey 93 • 503.654.9592	Young S Yi 99®503.690.3537 17711 Arny McCullough 99®503.614.2737			
3127 G Bailey + NP Ruby Bailey + NP -SE SOUTHVIEW AVE INTS	19 Majnore W Williams 90 503.786.6238 19 Robert Williams 90 503.786.6238 31 Lynn Kent Wilson 96 ● NP NP 31 Merle D Wilson 96 ● NP NP 4 Davayine E Woods 0.5 ● 503.650.0816 59 ● Dorothy L Woodward 95 ● NP 48 Barbara Jean Yingling 0.3 ● NP NP	### SE HAROLD AVE INTS 4005 Evelyn Annette Laws	#-Jonnson vargresse. + 503 690 016) 17702 Kum Yi. 99*503 690 3537 Young S Yi. 99*503 690 3537 17711 Arry McCuldough. 99*503 614 2737 Greg J McCullough. 99*503 614 2737 17718 Suhas P Nayak. 05* m. 91*503 614 5906 Sophia Lani Kim. 91*503 645 5906 Sophia Lani Kim. 91*503 645 5906			
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3221 Stephen Sedlar 05 NP 3222 Lelf Cerkoney. 01 503.654.1750 Jill Cerkoney. 01 503.654.1750 3224 Tieonna J Brown 32290 Cameron J Kemper 98 € 503.654.7027 ♦ Kari J Kemper 98 € 503.654.7027	93 503.794.1267 3610 * Holly Station + 503.653.5411 3630 * Papa Murphys	4109 Frances Jean Calvert 05 • 503.654.8070	James Robert McCann 92@503 645 000			
3224 Tieonna J Brown 05 NP 3229¢ Cameron J Kemper 98 503.654.7027	*Papa Murphys Take N Bake Pizza 86 503,352,1146	4131 William C Brown 94 503 654 6564	+ Spunky Fitness + 503.645.998 17766 Arron Christopher Dieter 99 № Michelle Denise Dieter 99 №			
♦ Kari J Kemper	★Xanadu Restaurants Management 85⊙503.652.1146	Polly A Lugosi + ●503 387 5545	17773 Charles M Barnhardt 00 503.617.9075 John Chris Barnhardt III 00 503.617.9075			
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A ♦ Sharon L Martien	110 Heather Allard	♦ Michael C Schroeder 90 • 503 654 6929 4205♦ Janice Elsie Bustraan 92 • 503 652 2632 ♦ John A Bustraan 92 • 503 652 2632	SW CONDOR AVE			
3314 Kim R Suhr		4209 Debbie K Sammis	CT 60.01 3605 - 4426 \$4			
 3333 James F Lombard Jr 99 503.659.7906 Sharon Emily Lombard 99 503.659.7906 	82 Cecilia E Arnold	4215 Susan M Prudhomme 05 NP Victor A Prudhomme 05 NP 4221 James Chartrey NP	CT 59.00 4604 - 4647 \$8 3605 - 464797239			
Rebecca Anne Stockton 82 503.659.5967	101 Josie Balgos	*Investment Real Estate Co 95 503.771.9924 42350 John H Baker 87 0 503.654.3790	3605 Judy A Schwabe			
** -SE ORVILLE AVE INTS 3500 75 Dean E Anderson	98 William G Barbee	42350 John H Baker 87 © 503.654.3790 © Sandra Ann Baker 87 © 503.654.3790 =SE FRANCIS AVE INTS	36110 Beverly J Brandes			
a Doham Andorson OC NO	1/6 Chris Brant + NP 1/6 Shana Brant + NP 1/6 Shana Brant + NP Anton Calongy	4434	3635 Ann Marie Williams			
75 Peggle LAnderson . 03 9503.654.7762 86 John Robert Bartels . 02 9503.653.9443 65 Dennis Charles Bock . 99 9503.659.8798 52 Many R Bock . 10 950.7 298.8007	Irena Calongy	4474	3701 A2 Melisa R Bium			
53 Richard W Beck Sr	34 Kenneth H Condon	William B Neets Jr50 ●503.654.0197 4515 Dave Michael Salvione 98 ●503.652.2506	F1 Kristen Clark+ NP			
69 Vinnie J Benadom 80 • 503 652 1257 29 • Theodore R Blanchard 00 • 503 652 5274 31 * Blue Pearl Digital Arts Lic. 05 503 235 5683	7/ Mario Diaz	Pat E Salvione	# Tyler Cox			
	Artigleis Diceltz0 + 503.367.3125 67 Jacqueline Dire - 96 503.664.7615 17 David R Donnelly - 97 503.513.772 49 Ternil Doran - 03 503.659.0600 49 Terny Doran - 03 503.659.0600 32 Danette Lynn Ehlers - 05 503.653.349	Michael J Scanion	L2 Mark J Fowler 05 NP			
## Jodin Norma Boncaro	49 Terryl Doran	Larry L Smith 97 ● NP 4537 Phyllis F King. 91 ● 503.786.1229 Robert M King. 91 ● 503.786.1229				
45 Beverly Ann Browne	20 David Russell Fander 02 ND	4606	77 o Thomas R Green 02 = 503.226.261 77 o Thomas R Green 02 = 503.226.261 11 *Gregory Jones IC 06 503.226.261 A1 Harl Haas 97 = 503.245.4105			
33 Carol A Buchanan 50 *503 654 8036 13 John Buchanan 50 *503 654 8036 13 John Buchanan 50 *503 654 8036 22 Eula Elaine Call 00 *503 653 6186 35 ♦ Betty Chapin 55 *503 794 1937	11 Linda Flerning	4623 Dennis P Reed	R1 Wanda Halbakken 02 NP			
55 ♥ Geraigine Chapin ,	50 Larisa Gutsal	Jane H Reed	E1 Gary A Johnson			
81 Susan Bernice Charbonneau 98 NP 20 **Concerd Terrace Mobile Park 86 503.654.4295 42 Laura L Couture NP	84 Micheal C Hartshorn 06 NP 95 Mickey Hartshorn 04 NP 72 Dori A Hiatt 92 503.659.1768	4646 Betty S Cobb	E1 Tyler D Johnson			
42 Noah M Couture	** Holly Acres Apartments 91 503.654.3154 5 Norma Eileen Ingham 04 NP	4666 David C Ruhl	V2 J Kallage + 01 • 503 796.0840			
46 Wa Louise Day 99 503.653.8566 46 Jack Grant Day 99 503.653.8566 49 Carol Ann Dentsmith 01 • 503.653.9503	6	Jean M Oneil 94 503.786.2854	LI Patrick A Kelley			
49 Robert William Dentsmith 01 9503.653.950s 28 Kathryn Marie Desemple 96 NP	31 90 Q Carolyn H Joyner	*Oregon Display Inc 06 503.493.4206 4684 Jeanette Contente Hoover 93 ● NP Robert Marshall Hoover 93 ● NP	E2 Prian S Kincaid			
28 Randal J Desemple 96 NP 8 Nancy L Destefano 94 NP	90 • Nancy E Joyner . 04 503.353,742* 119 John J Kinney . 03 503.513.023 119 Yicky Kinney . 03 503.513.023 10 Chester M Kleinhans . 86 503.652.2814	4714♦ ◆Thomas C Ball	Cf. Amenda F. Olson 05® NP			
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41 Carol Jean Eddy 02 • 503.654.0309	107 Kyle Laminack. + NP 6 70 Carla Lora.	4755 Gayle L Donahue	V2 ★Sinnott Law Lic			
43 Nellie Mae Elliott 97 ● 503.786.1725 38 ♦ Harold J Estes 92 ● 503.654.2183 38 ♦ Joy E Estes 92 ● 503.654.2183	3 44 0 Mark 0 McDowell	♦ Paula J Parks	13 Geraio W Tompkins			
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66 ♦ Dan James Garnett 04 ■ NP	88 Jordan Oliveira	♦ Scott I Pennell 50 €503.353.7653	100 ★Attorney Catherine N Carroll PG			
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32 Richard Lamotte Gilmore 96 503.654.4182 76 Charles J Gould	92 503.353.9926	4791 Arry 0 Cowling + •503.513.5716 Scott R Cowling + •503.513.5716	# David H Nepom			
76 Tim Gould	1 Marti Rasmussen + NP 112 Heather Bautenberg 05 503 794 729:	*Sprinkler Specialties Plus 06 503.513.5716 4794 Allan R Schuff	110 *Jaiden investments Lic *			
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64 *Independent Medical Co.H.c. 02 503 654 7846		Scott follower 02 • 503.659.3193	100 *Stew Enterprises Inc 06 100 *Thomas 0 Certer 94 503.228.4317			
68 Barbara Rae Jacoby 95 9503.652.1103	54 William T Rodriguez 02 NP David Roland 01 503.654,7980 Madonna E Roland 01 503.654,7980	Michelle A Fmra 00 503 652 8900	110 × Hundelitte nesidue me Mo			
20 Marvin Johnston + NP 73 Fred R Kent 96 ● NP 4 Josephine Kuntz 94 ● 503,794,4063 17 Ronald William Leggett 00 ● 503,653,9770	Madonna E Roland		3852 Bob B Anderson			
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64 JOSIAN M Maddock 02 0503 654 7946	70 College T Schuff 00 MD	● NW CONCORDIA CT	-5W CUNDUK LA IA 13			
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30 Mary K Mitchell	86 Chris H Takehara 05 503 794 0141	NW SPRINGVILLE RO INTS	3920 Apartments LOWA + Richard G Taylor			
87 Joyce Glynn Parmenter 96 • 503.794.1846 87 Walter Ernest Parmenter 96 • 503.794.1846	6	16 Travis Bohannan 02 NP	3964 John F Mover 86 503.228 9723			
83 ♦ Gladys L Peterson	1 24 Paul & Theodill 02 502 650 1240	20 Million Coulou DE EDD EDD 4000	Mary Elizabeth Dreyer 95 503.241.			
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7419 Stephanie Tyler + 503.286.3295 264 RESIDENCE 12 BUSINESS	86 John Robert Bartels 65 Dennis Charles Beck	00 0 503 650 8708	80 Horacio Giraldo		4623 Apartments M Dennis P Reed
	53 Mary B Beck. 53 Richard W Beck Sr 69 Vincenta Benadom 69 Vinnie J Benadom	.01 • 503.786.8907	78 Hobert Leienin	2 503.353.0962	M Jane Reed 81 • 503.654.5684 4637 J Gary McClain 0.2 • NP Nancy M McClain 0.2 • NP 46460 ◆ John S Bisenius 86 • NP 0.0 • Patti G Bisenius 86 • NP
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	27 Sue S Decker	.00 • NP	108 Loretta J Marshall0	2 503.659.3399	4775♦ Bettie Ann Newman 92 • 503.654.2787
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CT 214.00 O 3601 - 4005 \$C	8 Nancy L Destefano	, 94 • 503.659.1929 , 02 503.654.0309	*Stacle A Merio	1 NP + 503.786.0867	4783 David Rodney Lippert 00 • 503.654.1215 Rodney C Lippert
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2424 * Aalto Furniture Design 99 503.659.0422	39 Jean E Gallucci	.01 ● NP .95 ● NP	69 Robin Paynter	+ 503.659.0250 + 503.653.6379	4795 Debra A Shindler 97 • NP
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SE STERLING CIR INTS 2700 Jr Cooper	58 Doreen Ida McGunigal	. 82 • 503.659.3219	6 Kerry J Tarbet	3 503.659.6388	-NW SPRINGVILLE RD INTS 17622 Melissa Vandenberg + 503.690.8614
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2710 Ben Fred Sinsel 88 • 503 659 2941	7/ Matt Milburn 26 Carol L Mills 26 Otha Bud Mills 6 Barbara L Newton	. 98 • 503.659.8849 . 98 • 503.659.8849	. 16 Amanda C Thomas	2 503.653.5663 2 503.786.1654	* Chris M Culver
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2725	25 Enn S Mobile	06 • NP	113 Trish Wagner 0	2 503.794.7230	♣ Leticia Herrera
	87 Joyce Right Parmenter	. 96 • 503.794.1846 . 96 • 503.794.1846	4 T William	5 503.794.2903	15♦ Dixie Lee Ipock. 01 503.614.2965 15♦ Jack M Ipock. 01 503.614.2965
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3082 Ann M Farrell 75 503.654.4409 *SE SOUTHVIEW AVE INTS	78 Cleo L Venturine	.02♥ NP I	4109 4131 William C Brown	4 • 503.654.6564	17736 NP 17745 Lawrence Russell Kennedy . 94 503.533.8583 *Kennedy Philatelic Productions 99 503.533.8583
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Jean E Miller	48 ♣ Barbara Jean Yingling	+ NP	Robert Neal Sammis 07	NP NP	● SW CONDOR AVE
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3311 Flizabeth Comes			4481 Marion Elaine Neels 50 William B Neels Jr 50	9503.654.0197	♦ Michele M Hutton. 50 ●503.228.1652 3635♦ John R Laplante. 90 ●503.243.1990 ♦ Sandra A Morales. 90 ●503.243.1990
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A	Cynthia Bravo Sichard G Buchanan	+ 503.659.2165 99 503.653.6041	♦ Jerry William Booth 99 4516 Cal R Grimmer	5 ♥503.652.2506 3 • 503.654.7359	3701 Apartments 12 Kimberly Novak Baker02 503.227.5208
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3315 Dominic Anthony Albanese. 99 • 503.652.1253 Mary C Abanese. 89 • 503.652.1253 Mary C Abanese. 89 • 503.652.1253 James F Lombard Jr. 99 • 503.652.7936 Sharon Emily Lombard. 99 • 503.659.7906 3350 LUGH S Riodroda	32 Tim Clifford	+ 503.353.0718 + 503.659.3458			H1 A Bergsieker 01 NP F2 Tony B Bjerke + 503.228.1290 A2 Melisa R Blum 01 NP L2 N Campbell 02 503.227.5417 H3 Gregory V Close 93.9503.222.5589
odities F Lombard Jr 99 • 503 659 7906			Ioann R Smith 9	/ 5 03.553.5580	F1 Daniel R Coker
33E0 Oligiou Fully Foundard OU PEO SEC 3000	1/11 Farry J Delmazzo	.01 503.659.2743	Larry I Smith 0	7 ●503.653.1734	V1 + James K Duckworth + 503.227.5746
	101 Larry J Delmazzo	. 97 503.513.7722 . + 503.659.0600	Larry L Smith	1 •503.786.1229	V1 ♣ James K Duckworth + 503.227.5746 I1 Brian Francis + 503.242.2341 I1 O Sandra Green 00 ♣ 503.236.236
Rebecca Anne Stockton 82 503.659.5967	101 Larry J Delmazzo	. 97 503.513.7722 . + 503.659.0600	Larry L Smith	7 ●503.653.1739 1 ●503.786.1229 1 ●503.786.1229 ng Inc	17 → James K Duckworth + 503.227.5746 18 Brian Francis + 503.242.2341 17 ♦ Sandra Green 02 • 503.226.2647 17 ○ Thomas R Green 02 • 503.226.2647
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	■ N PORTICAND BLVD INTS 6511 Charles Durst 96 • 283 6525 David B Dale • 247 6535 6536 NP 6544 C Trimble 95 • 248 6545 Jeffrey A Reed 97 • 735 6556 NP N DEVINE ST INTS	7689 28 3034 29	333 Doug Hibler	3 8	Michael Hamrick 95 654-7739 W Harkins 95 659-5148 Justin Heiser 96 786-2861 A Hill 1659-5587 Doris A Holbrook 96 653-0769 Allan Hydechuk 96 794-1040 Gary Jenness ■ 652-2085 Matthew Jensen ■ 513-0189 Steve John 97 654-5160 Ron Juneman 97 659-0468 R 652-2814 William Lee ■ 794-5930 B L Lewis 94 652-2814 William Lee ■ 794-5930 Pavel Lezak - 653-4929 Pavel Lezak - 653-4929 Pavel Lezak 96 659-7057 William T Miller 96 794-8397 Philip Moen - 786-687 Kathryn Rewman ■ 794-8234 R & T Olson ■ 1513-5557 Kathryn Pauli 1653-0883 Darlene Reynolds ■ 513-4710 J Scott - 653-7037 J Sujuer 86 664-6500 Arone Tanner 96 786-9013 Rich Sligar 97 659-3370 J Squier 86 664-6500 Arone Tanner 96 786-4056 Arone Tanner 97 859-8388 Bryan Taylor 11 513-9814 Bruce A Tiller 94 786-9320 Linda Tremain ■ 513-4937 Melissa Waldo ■ 786-3388 Bryan Taylor 11 513-4937 Melissa Waldo ■ 786-3688 Bryan Taylor 94 654-8270 Linda Tremain ■ 513-4937 Melissa Waldo ■ 786-3688 Bryan Taylor 17 513-937 Melissa Waldo ■ 786-3688 Bryan Taylor 94 654-8270 Linda Tremain ■ 513-4937 Melissa Waldo ■ 786-3688 Bryan Taylor 17 513-937 Melissa Waldo ■ 786-3688 Bryan Taylor 95 553-3685 Bryan Walder ■ 659-9677 Ed White 17 94-8378 Kenneth C Wiest 194-8378 Kenneth C Wiest 1	82 Jim Scheller
	6535 6536 NP 6544 C Trimble 96 • 240 6545 Jeffrey A Road 97 • 735	8245 29 1711 29	311 Stanley Stalick • 654-75 321 Terrence ONeil 97 • 654-70	5 46 3 105 116	Allan Hydechuk	1 Kermit Shafer .95 \cdot 24 - 7860 1 Kermit Shafer .80 \cdot 228 - 120 228 - 120 23 Janice L Tompkins .90 \cdot 27653 AD2 Valerie Zagajeski .96 \cdot 295 - 6945 3707 3716 NP
	6553 J Stoffels	2944 30	001 Franklin Hedrick 82 • 659-34 010 Carl D Grindle 75 • 653-10	8 81 6 54	Steve John	3707 3716 NP 3718 Greg Busey
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	6616 Alan May	3762 30 9108 30	026 G K Summerville 70 ● 654 – 19: 040 Edward Hunter 80 ● 654 – 81:	8 0 <i>68</i>	Pavel Lezak 653-4929 Gerald Miller 96 659-7057 William T Miller 96 794-8391	* Carter T O Atty
	6625 Beowulf Jackson 90 285 6626 NP 6705 P Sanchez	9359 30	066	9 63	Philip Moen = 786 \cdot 6979 Kathryn Newman = 794 - 8234	* Nepom M S Atty
	6706 NP 6717 Earl Bloomberg Jr 97 ● 289 6806 William J Smith Jr 91 285	3751 - 3	Gary R Stoll	3 59 70 45	R & T Olson	3804 Patti Tucker Dmd
	6815 NP		111 Wayne M Hamerchy TT 650 541	0 90 0 84	Tyler Risenmay 97 659-3700 J Scott 653-7033	3845 3852 Bob Anderson J R Luddecke 8.3 223-876 3855 Susan T Egnor 6.9 273-888 3910 Hiroshi Ueno 6.9 273-888 3910 Donald J Virgovic 91 ● 274-9850 3950 NP Helen Farrens 6.4 € 228-2740 John F Moyer 3956 Horring Frank N Frost 6.4 228-2740 3968 3976 Frank N Frost 6.4 228-2740 3988 3976 Frank N Frost 8.0 ● 241-7893 3983 T S Lorentz 8.1 ● 222-4538 3984 3986 Jack McGilwary 9.9 2 228-7767 3990 Daniel Schwoerer 8.0 ● 223-7774 3990 Daniel Schwoerer 8.0 ● 223-7774 3990 Anneld Greenman 7.7 ● 222-4283 4010 W H Butter 7.7 ● 222-4438
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	6835 George Sebesta	3690 = 8		2 6	Arone Tanner	3956 Helen Farrens 64 • 228 • 2740 3964 John F Moyer 87 • 228 • 9723
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	6915 Phan Nhoung 80 • 289 6925 6926 6933 NP	4438 32	213	24 112	Anh Van Dao	3983 T S Lorentz
	6934 Delmar A Kennell 81 • 285 6944 Douglas A Hamilik 91 • 285 6945 6955 NP	1386 32 5017 32	224 T Thompson	5 95 7 83	Royce Walter	3990 Daniel Schwoerer 80 • 223–1704 3993 NP
	- N BRYANT ST INTS 7004 7005 7015 NP	33	221	67	Kenneth C Wiest 794-2903 Brian Winterfield 786 9025	4000 Ronald Greenman
	7021 L A Hendrickson	8674 33 7232 33	314 M A Wilson 76 ● 654 – 119 315 3333 NP 350 R A Stockton 94 659 – 59	3714 7 3718	* Holly Acres Apt 74 654-3154 Dwight Tyson 64 65402013	4014 W H Butter 7.72 = 223-4617 4030 J Bunch 644 = 223-4218 4031 Mark Haffner 96 = 228-6858 4100 NP 100 Linnea K Alvord 248-9471 4105 NP NP NP 1005
	7035 Everett Kouva	1887 - 1034 - 1733		3806 3808 3811	Wayne C Bosin	4103 Linnea K Alvord 248-3471 4105 NP 4109 Sandra Preising 84 • 224+3589
	7045 Peggy Shannon	6295 3691	500 Concord Terrace Mobile Home Park S K Anderson 91 653-37	3 3901	* Schis P Cickms 12 . II 653-3640 James E Harding	4112 Gary Bisaccio 80 • 223-8898 4128 Stephen E Sivage
	7056	5337	Richard W Beck Sr	3915	Mark Harvey	4131 M K Urban 96 • 220 – 5350 4140 NP 4141 Ivan I Scott
	7106 Odessa Tano	9641 3287	Ted Brandt	9 4005 4028 4062	James E Harding 97 • 659 • 4024 Jesus Quizon 93 • 653 - 1786 Mark Harvey 95 • 786 - 0626 Mark Harvey 94 • 654 - 9592 NP • NP Alan C Langston 81 • 654 - 4285 OATFIELD RD INTS	4109 Sandra Preising 84 & 224 *328*
	7135 Jack Smith 735 7136 7144 NP	9224	M B Burdick	5 1 2 SE 4101	OATFIELD RD INTS Elizabeth Stevens II 794-2785	Ardith Morris
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	■ N LOMBARD ST INTS 7305 Melvin L Neylon 67 € 28: 7314 Rev E Wilson 91 28: 7315 Dawid Roberts 56 € 28: 7324 Bill Nye 92 € 28: 7325 ★ Arts&B G Brar Svc 77 28: 7334 E M Bergee 66 € 28: 7335 N Bergee 77 € 28: 7405 Robert Gee 77 € 28: 7406 7416 NP 7417 Michael Serrang 96 28:	-1136 -2145	V J Gott	4 4434 8 4445	CONCORD CT INTS Steve Myers • 786 - 8728 H L Mills 80 • 659 - 1565	- SW BANCROFT ST INTS 4305 Jeffreyd English . 97 e 228 e 5293 4310 G Cherkassky . 95 228 - 9430 4311 SP
	7324 Bill Nye	-3535 - 2019 -4804	Lilith Hopper	17 4474 14481	Steve Myers • 786 - 8728 H L Mills	4328 NP 84 • 226 • 0464 4335 K Berry 86 • 226 • 0464
	7335 NP 7405 Robert Gee	-9618		4515 4516 4516	Cal R Grimmer 91 • 654-7359	- SW BANCROFT CT INTS 4400 N E Glendinning
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	15042 Pete Robles	-8163 I	18 Patrick G Reed 652-94 L Ritzschke	6 4666 5 4677	Joel F Hermsen	* Gibbons Gbbns&Co 97 © 241 - 1756 * Souza B Gbbns&Co 97 © 241 - 1758 * Ward Gbbns&Co inc 97 © 241 - 1758
	3 RESIDENCE	-6657	John Rosenberg . 87 653 + 82 1 John Rothery . 794 - 68 Joseph J. Ruse 74 654 79	3 4714 4755	WANDA DR INTS 4729 4742 NP	* Ward bibhis&Co 97 ○ 241-178 * Ward M S Gibhis&Co 97 ○ 241-178 4601 4604
	O CONCORDIA COLLEGE Also See 2811 NE Holman St	7211	Donald Skoog	8 4768 9 4771	Gary D Parks	4619 Norman Malbin 82 2124 7125 W Temko
	New Street-1992	7229		9 4782 8 4783	WANDA DR INTS 4729 4742 NP John J Donahue90 • 652 – 1125 Gary D Parks95 • 786 • 1372 NP Paul Newman82 654 – 2787 Jeffrey D Manning94 • 786 – 2460 J O Smithson64 • 659 – 9642 Vance Kellington64 • 654 – 4118 Richard Detken	4626 Kevin Fong
	17700-17799 CT 315.01 \$. THOMAS BROS MAP LOC 564-F6	8 5	A Thompson 653-22 Leslie Totten	6 4786 2 4787	Languard C Donnell 21 - CC4 - Forto	4628 A E Riddle
	17727 Chung R Kim 92 a 641	-5906 -2107	Ray Vandemoortel 93 786-79 A W Vockrodt 93 654-68 Warren Waldorf	7 4790 19 4791 6 4794	David F Church 88 • 654-9902	Kyle A Severson
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1	V M Pasmore	-4467 -9323	James Anderton	8 0 T 4 3605 3611	HOMAS BROS MAP LOC 526-E2 B Brandes	3740 NP
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	2510 Margt A Pritchard 63 • 65- 2631 Kevin T Hogan 95 • 78	-2805 -7223	17 A S Bjorkman	9 3639 9 SW		TUDUAC DDOC MAD LOC 304-07
	2631 Kevin T Hogan 95 • 65 2631 Kevin T Hogan 95 • 78 2645 NP 2682 Charles Smith 96 • 65 2693 Lane Hudson 91 78 SE HUGH AVE INTS	-0915 -1892	W E Brown	8 SW 3701	WHITAKER ST INTS Apartments Greg Asher 93 241 8174	5420 George Van Hart 97 614-9319
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2631 Kevin T Hogan	9 Ernest Easter 92 84 Tim Englet 88 60 Jane Estes 93	653 - 2070 659 - 7215	B2 Jim Scheller ■ 294-7960 L1 Kermit Shafer 80 228-1720	4512 Vernon C Brown
2693 Lane Hudson 91 786-1892 2700 M J Cooper Jr 80 654-1220	Larry J Delmazzo II Leon Donahue — 9 Ernest Easter 92 84 Tim Englet 88 60 Jane Estes 93 Lena Glockner 89 V M Gunderson II 27 M Hall 106 Michael Hamick 10 Noah Harvey — 92 Mrs D A Holbrook 91 Troy Johnson 93	654-8298	2 Janice L Tompkins	= 000 GOING ST N
2702 NP 2709 George Swearengin 91 786 ♦ 0272	27 M Hall	786-1539 654-7739	3707	
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2800 ★ Chrstn Fmly Flwshp . □ 653-3532 ★ Concordia Lthrn Ch 654-6100	35 H S Knowlton	786-0782	*C N Carroll Aty 92 223-1137 *D N Hobson Aty 87 224-4648	4801 NP 90 284-9611
* Montessori NW 85 652-1022 2815 2819 NP	33 James T Lee ■ B L Lewis	653-6761 652-4030	* M S Nepom Aty	
2833 Doug Hibler 81 • 659 – 8923 2901 2908 NP	C L McHarness 84	652 - 3924 654 - 0202	3845 N Zaklan 221 - 3985 3852 Bob Anderson	- HUMBOLDT ST N
2921 S A Simmons	48 Raye Miles 93 Brian Mills	659-3957 653-3961	J R Luddecke 83 223-8262 3855 Susan T Egnor 89 221-6981	- 550 PORTLAND BLVD N 6518 NP 6524 R J Schubert 60 289-5171 6523 R Gary McAvoy 79 289-4718 6533 A T Rupert 56 285-4004 6540 6545 6602 6609 NP 6512 NP
3001 Franklin Hedrick 82 ● 659 – 3488 3010 Carl D Grindle	E V Mullin	652-5061	3900 Hiroshi Ueno	6532 R Gary McAvoy
3012 Clayton Darrow 87 653-6976	88 Kim & Joanne Myers . Walter Praegitzer 78	653-8215 659-6559	3920 NP	6540 6545 6602 6609 NP 6612 NP
3025 A H Tager	Ross D Quenzer F I Ramsey 76	786 - 2920 652 - 8525	3956 Helen Farrens	6627 B Gent
3066	31 B C Rathie 90 Roger L Roland	653-6289 786-5071	3968 Rocky Blumhagen 84 227 - 7028 James D Simons 91 227 - 7028	6635 James B Walker 64 • 283 – 3018
3106 3110 NP 3111 Wayne M Hamersly82 • 659 – 5400	68 Steven L Shampine	786 - 4511	39/8 Frank N Frost 80 • 241 – 7890 3977 Edwin Borgeson	Margaret Walker
3122 David Riedel 93 654 2789 3127 Jay Tuffli 90 653 - 0109	36 Mable Shore	786-9013 654-6500	3984	Roy Schneider
3203 Vardon E Knuth 63 654-1172	95 Richard Stiley 90 6 Kerry J Tarbet 84	659-1621 659-6388	3990 Daniel Schwoerer 80 • 223 – 1704 3993	- 450 DEKUM ST N 6808 NP 84 ◆ 283 ◆ 4392
3213 NP 3221 Craig L Adams NP	Bruce A Tiller	653-6246 786-2920	4000 Ronald Greenman	6816 D L Adams
2702 2709 2709 2709 2709 2709 2709 2709	24 Tom Vargas 92 Jeff Vestal	653-7723	3707 - 200 GAINES ST SW 3716 3718 3718 3718 Bruce Jenson Bruce Jenson Bruce Jenson A T O Carter Aty C N Carroll Aty D N Hobson Aty B D N D N D N D N D N D N D N D N D N D	6612 6613 6627 B Gent N7 8 • 289 −0087 6628 6635 James B Walker 81 • 283 −018 Margaret Walker 61 285 −116 6638 Fredk R Schneider 61 285 −116 Roy Schneider 11 • 283 −0834 L Weight 12 − 450 DEKUM ST N 6808 6816 D L Adams 93 • 286 −7551 6826 Jeffery Tester N9 3 • 285 −0518 6930 Vaughn W Cochran 93 • 285 −0518 6930 Vaughn W Cochran 95 • 285 −051
3311 John K Storm	69 Del V Walker	653-8587	4100 4103 NP	- 540 BRYANT ST N 85 285-0028
3315	Peter Wildermuth	786-9551 654-3154	4109	
3350 R A Stockton	3718 Dwight Tyson 64	654-2013	4128 Carol Connors	7042 7051 Marjorie H Fritz 93 286-4039 93 286-4039
Mobile Home Park 37 Arthur L Abraham71 654-6131	3808 Wayne C Bosin	786 - 3592 653 - 3666	4131 Marjorie S Wiseman	7052 Art Hage 91 283-0064
68 S K Anderson	3816 * Willow Tree Creatn	786-9161 659-4024	4204 4208	7060 Alan D Hoy NP
. 05 Max Benadom	3907 Jesus Quizon 93 • 3915 Mark Harvey •	653 - 1786 654 - 9592	Luis Valls	= 560 MORGAN ST N = LOMBARD ST N G3 289-1390
47 V J Buchanan 82 653 – 8645 17 R D Cardwell 69 659 – 5012	4005 George E Armstrong	/86-0626 654-4250	4219 4224 NP 4232 Apartments	8205 NW Truck SIS
63 W J Cranston	4062 Alan C Langston 81 •	654-4285	3707 - 200 GAINES ST SW 3716 3718 J C Adams Bruce Jenson H 243-3534 ★ T O Carter Aty H 228-4317 ★ C N Carroll Aty 92 223-1137 ★ D N Hobson Aty 87 224-4648 ★ D R Nepom Aty 86 ○ 223-1137 ★ M S Nepom Aty 90 ○ 223-1137 ★ M S Nepom Aty 90 ○ 223-1137 3722 3736 3804 NP 3845 N Zaklan - 211-3985 3852 Bob Anderson 73 223-8262 J R Luddecke 83 223-8262 J R Luddecke 83 223-8262 3900 Hiroshi Ueno 69 ○ 223-7888 Hiroshi Ueno 69 ○ 223-7888 Hiroshi Ueno Horoshi Ueno 19 274-9950 3920 3920 39310 Donald J Virgovic 91 274-9950 3920 3936 Horoshi Ueno 91 274-9950 3920 3936 Horoshi Ueno 89 223-7888 Hiroshi Ueno 19 228-2740 3956 Helen Farrens 64 ○ 228-2740 3964 John F Moyer 87 ○ 228-273 3968 Bocky Blumhagen 84 227-7028 3978 Frank N Frost 80 ○ 241-7890 3978 Frank N Frost 80 ○ 241-7890 3978 Frank N Frost 80 ○ 241-7890 3978 Frank N Frost 80 ○ 223-7702 3978 Frank N Frost 80 ○ 223-7702 3984 Jack McGilvary 92 ○ 228-7762 3990 Daniel Schwoerer 80 ○ 223-7704 3983 T S Lorentz 80 ○ 223-7704 3984 Jack McGilvary 92 ○ 228-7762 3990 Daniel Schwoerer 80 ○ 223-7704 4030 Lloyd R Bunch 64 ○ 223-4617 4030 Lloyd R Bunch 64 ○ 223-4617 4103	57 RESIDENCE 2 BUSINESS 57 RESIDENCE
CT — Census Tract \$A\$B,Etc — Census Tract	Wealth Rating * — Business Listing	O Di	IN ON PROTOGRAPHED IN ANY MANNER WHATSOEVER	EXCEPT AS AUTHURIZED BY Verified Homeowner

1988 - Portland, OR - C	Cole Publications CO	LE'S 1988 PORTLAND & SUBURB	
● CONCORD RD SE 97267 Milwaukie	3630 × Papa Aldos Pizza	4795 NP 4797 William D Boyer 77 654-0271 4798 4799 NP 4808 Clifford W Jones 77 659-7188 4811 Curtis R Smith 82 654-7050 ND # M Mailone 78 654-3754 ST RESIDENCE 19 BUSINESS	CONGRESS AVE N 97217
2200 2500 CT 247 AB B C	35.01 × Papa Aldos PIZZA 360 532-149 3640 * holly Farms Cirrs 80 554-2118 3650 * £ I Bartholomew . 85 652-2445	4808 Clifford W Jones	4500— 4999 CT 34.01 \$E.C17 6500— 8299 CT 37.01 \$E.B17
2310 C M Bucknum	* Rod Willett 82 © 652 – 2445 * Rod Willett	251 RESIDENCE 19 BUSINESS CONDOR AVE SW 97201	● PITTMON MAP LOC 166 H-36 4504 Ian Ogilvie 87 284-4704 4512 Vernon C Brown
2424 Joseph A Miksch 63 654-8969 2425 Harry Mattoon 63 654-8415	3710 ★ Holly Acres Apts S Arnold	3600- 4499 CT 60.01 \$A.E17 4500- 4699 CT 59 \$D.E17	
2427 George Smeraglio 85 659-2576 2491 NP 2510 Marqt A Pritchard 63 654-2805	Larry Bartoshevich	PITTMON MAP LOC 188 L-36 PENNOYER ST SW	4606 Lovie Hill 69 284–4192 4607
K Williamson 87 653 – 2533 2631 Lanny J Finley 80 653 – 2006	G K Buckallew	● PITMON MAP LOU 188 L-36 ■ PENNOVER ST SW 3605 3611 Dan Stambaugh	4627 4628 4635 4636 , NP 4637 NP - 540 BLANDENA ST N
2682 Doc Sparrow 80 653-0167 2693 Brian Kirk	Robert Clifford 80 653-6487 Renate Cogswell	3635 Chris Robinson	4801 J Ligi
2700 M J Cooper Jr 80 654-1220 2702 NP 2709 Steve McGuffin 85 653-1676	M A Collins	Eug F Barnard II 84 295-6733 * Celebrations	4821
2710 2725 S A Wilkinson 79 653-1603 2750 V M Laubsch 78 653-0660	Rick Crowell	S C Gay	- 550 PORTLAND BLVD N 6518 NP 6524 R J Schubert 60 289-5171
2757 Thomas Handegard 659-6418 2760 Terry Reid 659-6514 2800★ Con Lutheran Chr 654-6100	B A Dvorak	Dennis Heil 87 248-0247 Pat Hunter	6518 NP 6524 R J Schubert
★ Montessori-Nw Schl . 85 652-1022 ★ NW Montssr Sch Inc . 84 © 652-1022	В J Everett	J Mahali	6545 6602 6609 6612 NP 6618 Bruce Harrold
2819 Luanne Myers 85 659-4197 2833 Doug Hibler 81 659-8923	John Germain # 653-8773 Ronald Gorski 86 659-2477	J Mousambini 241 - 4300 P A OHearn	6518 6512 6512 6512 6513 6512 6518 8 Fuce Harrold 77 289-3149 6627 B Gent 78 289-0037 6627 B Gent 78 289-0037 6628 Randy Reischman 76 285-4277 6635 James B Walker 64 285-5018 Jim Walker 81 283-478 283-478 Margaret Walker 61 285-7161 6705 6708 78 8 Fuce 78
2901 Charles W Rist	J Hampton	Ron A Schmidt	Jim Walker
2911 Stanley Stalick 654-7525 2955 Creig B Millen 653-6113 3001 Franklin Hedrick 659-3488	Keith Highland 653-2455 ★ Holly Acres Apts 74 654-3154 Michael House	Michael L Shepherd	Roy Schneider
3010 Carl D Grindle	Steve Huston	= 200 GAINES ST SW 3716	6715 Dacosda Ashby 289-2240 6716 H Harold Roley 56 285-4266 6726 Susan Lutton 285-1706 6736 NP - 456 DEKUM ST N
3023 A H Yager	Gary Klapel	* Cmnwith Comrcl Brk .87 224-2211 * Cmnwith Prop Svc	- 450 DEKURA ST N 6808 NP
3082 L G Anderson	Norman Konkle	* David R Nepom Aty . 86 223-1137 * Marvin S Nepom Aty . 86 223-1137	6826 Paul Lowry
3111 Wayne M Hamersly	A S Lynch	100 * C K Robinson Aty	6900 Vaughn W Cochran
J M Schmidt	Wayne Mitch Miller	3845 David Cory	■ 456 DEKUM ST N 8808 NP 6816 D L Adams 84 283-4392 6826 Paul Lowry 79 285-2188 6834 NP 6990 Vaughn W Cochran NP 6990 Vaughn W Cochran 65 285-3888 6920 NP 540 BRYANT ST N 7024 K Shimanski 76 289-6372 7025 Patrick Powers 75 283-2933 7034 E D Carter 81 283-0940 7041 7042 NP 7051 E F Arends 61 285-2189 7052 Art Hage 80 283-0064 70607 7061 NP 560 MORGAN ST N ■ 560 MORGAN ST N
3203 Vardon E Knuth 63 654-1172 3208 Ted O Miller 80 654-6819 3213 Ingrid Habluetzel 87 659-6578	Scott L Moser	3852 Bob Anderson	7034 E D Carter
3221 3222 NP 3224 L F Bailey	Todd ODell - 659-7523 D K Orton # 653-2301	3900 Hiroshi Ueno	7051 E F Arends
3306 Michael A Sorrels	Daniel B Petty	3944 David J Redlich	- 560 MORGAN ST N - LOMBARD ST N - 540 COLUMBIA BLVD N
3315 Dianne Foote	James Purdy # 652-2081 T Rea	3964 John F Moyer	8255 * Kostas Scrap Metal 87 289-7884 57 RESIDENCE 1 BUSINESS
Lloyd R Stockton	Gerald Rhode	3977 Edwin Borgeson	© CONWAY SE 97222 Milwaukie 4500− 4599 CT 208 \$C.G18 ● PITTMON MAP LOC 211 P-39
## PITTMON MAP LOC 233 S-38 2310 C M Bucknum	SAROID	3707	PITTMON MAP LOC 211 P-39 4503 4506 NP
Charles A Beck	Louis Seidl	4000 Ronald Greenman . 79 222-2403 4014 W H Butler . 72 223-4617	4503 4506 . NP 4523 C Dean Wait . 70 654-8427 4526 R Son Rogers . 85 659-6543 4535 Paul Laws . 69 654-0433 4536 T D Criss . 69 654-8437 4545 L M Peterson . 87 654-8402 4546 Martin T Wooster . 67 659-8446 8 RESIDENCE
Max Benadom 81 652-1257 Ernest S Bergstrom 654-7244 E L Blois 81 653-8643	J Squier	4014 W H Butler 72 223-4617 4030 Lloyd R Bunch 64 223-4218 4031 NP	4545 L M Peterson 654 – 840Z 4546 Martin T Wooster
E L Blois	W Don Valentine	4100 Mark H Shafer	8 RESIDENCE COOK N 97227
Ted Brandt 81 653-8549 Ted Brandt 81 653-8549 Otto Bristow 82 654-1040 V J Buchanan 82 653-6512 *Concord Ter MBL Hm 554-825 Ken H Cook 8659-5012 Ken H Cook 8659-5012	Nick Villa	■ LOWELL ST SW 4100 Mark H Shafer	1- 999 CT 22.01 \$EC17 • PITTMON MAP LOC 166 H-36
Ken H Cook 86 659 – 2546 Robert L Cramer 85 654 – 7463 W L Crameton	Michael Whalen # 659-9677 J Michael Williams # 659-4385	4140 × Barbara Sloop Intr .80 228-0762 Perry R Sloop Jr .80 228-7789 4141 yan Scott .64 223 7733	22 NP 32 C Benvenuto 79 287-5892 100 E K Frater 69 287-1527 115 * Wonder Bread Bakry .76 282-7506
Robert L Cramer 85 654-7463 W J Cranston 8653-2063 Ray W Crover 81 652-1290 N M Curl 74 654-9018 Gene Donahover 79 653-2021	Lawrence Wolf	4204 C John Newhouse	= 3268 VANCOUVER AV
Eldon L Dungey 87 659-8202 G W Edwards 81 659-8219 M S Eitts 79 659-6876 Roy M Ek 66 659-1368 Maxine Fogarty 80 653-6861 Eugene G Fontaine 85 654-8376 Richard I Gillore 86 654-8376	95 Walter F Brown	4211 R Kenney	513 Thomas R Knight - 284-9147 530 S Warren
Roy M Ek	3811 * Aim Cncrd Classrm	4232 Gontran Lahay	= 3350 KEHBY AV = BORTHWICK AV
Gerald B Halverson 71 659-8980	3907 Raymond Ewen	4241 James Good 84 227 – 2664 4242 NP = 100 BANCROFT ST SW	719 727 NP 3200 ALBINA AV N 825* The Luck Co 85 281-3818
A T Hannaford	4028 NP 4062 Alan C Langston 81 654-4285 4109 John Jordan	4305 Jeffrey D English	- MISSISSIPPI AV 917 938 C Filison NP 938 C Filison 62 287-8162
William D Jaynes 86 654-4234 Hilding E Johnson 70 659-3365 Leland I Killian 75 654-9068	4131	4323 Kay Soga 64 228-5583 4328 James Walker	- MISSISSIPPI AV 917 938 L C Ellison
R M Larson	4445 H L Mills 80 659-1565 4474 Charles R Mahony	4336 M McArthur	11 RESIDENCE 3 BUSINESS COOK NE 97212
W I Logan	Alba Clangston 81 654 - 4285	100 BANCROFT ST SW 4305 Jeffrey D English	1- 699 CT 23.01 \$EC17
C McCreight 82 659 – 0154 Dale McDaniel	4526 William Stroup	= 3800 BARBUR BLVD SW 4601 NP	11 19 23 NP 26 M Henderson 60 281-9498 27 33 36 41 50 NP
D I McGunigal 80 659 – 3219 D E Miller 83 653 – 6218	4548 Gary W Cannon	4619 Norman Malbin	51 Horace Black
Irvine L Paterson	4633 NP 4637 E Brekke 81 659-0234 4639 * Edward Brekke Aty 654-5447	4620 P. K. Stricker	63 66 NP 73 Sontina Jackson 84 281-2000 76 284-4907
Martine Mart	4633 E Brekke Aty 654-5684 4639 * Edward Brekke Aty 5654-5247 4634 John S Bisenius 87 654-4342 4666 Joel F Hermsen 80 654-8213 4677 NP 4884 S M Timm 85 654-7845 4729 4742 NP 4755 Douglas T Maltman 87 653-8399 4768 Russ Kenaga 86 653-6295 4771 Robert R Lucich 86 653-643 4775 Paul Newman 82 654-2787 4784 Jack T Copple #659-4131 Tina M Copple #659-4131 Tina M Copple #659-4131 Tina M Copple #659-4131 Tina M Copple #659-654 4783 J O Smithson 64 653-6333 4783 J O Smithson 64 653-643 4787 Leonard C Pennell 71 654-8469 4790 David F Church NP	3800 BARBUR BLVD SW 4601	11 19 23 NP 26 M Henderson 60 281–9498 27 33 36 41 50 NP 51 Horace Black NP 59 Nettie Brocks 70 284–5523 63 66 NP 73 Sontina Jackson 76 284–5930 74 Dave Buchanan 76 284–5910 77 A Casey 75 287–6910 89 NP
Ralph E Robertson 71 659 − 1075 John Rosenberg 87 653 − 8240 Helen E Ross	4684 S M Timm	Kyle Severson	- 3230 RODNEY AV NE 208 209
Northrup H Solem	4755 Douglas T Maltman . 87 653-8399 4768 Russ Kenaga . 86 653-0295 4771 Robert B Lucich . 86 653-0295		219 220 NP 229 Anita Coleman 87 284-7971 Peety Trevino
Solution	4775 Paul Newman 82 654 2787 4782 Jack T Copple	OCONDOR PL NW 97229 New Street-1988. 5440 Louis Hess M 620 5470	301 302 NP 312 Carolyn Carson 84 284-1249 3258 UNION AV NE
Warren Turner	Jeff Gowan 86 653-5333 4786 Bishard 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5440 Louis Hess	427 Robert D Gates
P Welch	4787 Leonard C Pennell71 654-5249 4790 David F Church 654-9902		516 Sames A Mayes NP 70 281-5135
3620 ★ Discount Imprt Prt 81 659-7444 © COPYRIGHT INFORMATION ON THIS PAGE N	4794 Allan R Schuff 659-8490	26 * Seventh—Day Advant .77 223-0623 — CONDOR AVE SWE FOR PHOTOGRAPHED IN ANY MANNER WHATSOEVER Uniness Listing O—Duplicate Phone Number At This	312 Carolyn Larson
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1984 - Portland,OR -	- Cole Publication	ns		
CONCORD AVE N	PAGE 406	COLE'S	1984 PORTLAN	
6616 6625NP	3208 Ted O Miller 80 3213 NP	654-6819 3710	Rod Marsh 659-2532	39 A W Wardin
6626 M F Williams 285-7467 6705 L W Waddle	3221 Ronald Gorski Tom Hubbard	659-2477 659-2477	V G McCaffree	41 Paul E Keeney
6706 John S Garrett 289-1222 6717	3222 C M Schulz	659-2863 654-3276 650-2602	Wayne Mitch Miller 77 653-1447	43 44 45NP 46 William D Peterson80 636-6170 47 Edward T Parry73 636-0557
6806 Mark D Green 83 289-2429 6815	3306 Michael A Sorrels	653-2581	T Moody 653-2756 Daniel L Myers 80 654-5116 Jeff Nelson 652-2803	48 M L Bowers
6825 Kyle Oesterle 285-9952	John K Storm	653-9543 654-1165	Wilma D Osborne	50 F E Woods
6828 Steven M Hallberg 82 285-0353 6835 NP	3315 E J Bailey	654-3363	T L Pepin	52 John Miller Allen 79 636-9290 15 Residence
6836 T A Langdon	3350 R A Mann	659-5967	Scott Quick	CONDOLEA DR SW LK OSWG
6856	Elizabeth M Banko	654-2571 654-5520	T Rea	1- 199 TZ 6402 \$AG16 038600
6906NP 6914 James S Dodd79 289-7214	Vinnie J Bell	652-1257	Pat Rice 653-5661 Steven W Roth 653-2279 S J Schmick	1 Robert J Koch
6915 Phan Nhoung	Ernest S Bergstrom	652-1907	James B Sharp83 659-7677 C D Shaw82 654-1881	5 Laurence B Wilson
6933 A F Marvitz Jr	Wayne C Bosin	659-3568 653-8549	Shane Shelton 653-7849 E R Shilling 653-8261	7 P J Nielsen
6944 Lorraine G Holm	Otto Bristow	653-8645	G J Slusher 659-8299 D M Smith	8 G M Oliva
6955 L W Gaddis	Allan Bussey	659-5012 654-1279	L Stang	11 Jack E Meadows
7005 Micheal D Dubois 83 283-5602 7015 K Fisher	★Concord Ter Mbl Hm Roy W Crover	654-4295 652-1290	A L Stopper 659-6055 Lee C Taylor 659-0039	14 James Q Carter76 635-5145 15 NP
7016NP 7021 L A Hendrickson75 285-8674	N M Curl	653-2021	Lynn R Taylor 659-9753 Lisa K Ulmer	16 Michael L Myers
7026	G W Edwards	654-4127	Nick Villa	19 L Gardner
7048 C E Davis68 283-3691 7055 E J Perry77 289-3401 7056 Wayne F Duval78 285-3051	Roy M Ek	659-1368 653-6861	T Werner 653-1457 Edwin A Wilken	21 Dr H A Bruinsma 82 636-6475 22 Walter A Durham Jr 81 635-8676
7105 Joseph A Shearman 289-5707	Gerald B Halverson	654-8657	Charles E Williams 654-4780 John Winders	24 T F Goodman
7106 J D Leino	M A Harnack	654-8165 654-6078 654-4761 3811	Dwight Tyson	28 32
7144NP 7145 Don W Griffith81 285-4381	Hilding E Johnson	659-3365 3901 654-9068	P J Glover	122 Howard E Brune
7153 Alice C Staley	R M Larson	654-3234 3915	Vernon G Delap72 654-0993	125
7200	Leslie F Lunch	659-3472 4028 659-0154 4063	George D Proffitt82 659-9177	128 Frank G Breuer
7217NP 7218 Fay C Ferguson74 289-4754	Dale McDaniel	659-0877 4109 659-3219 4131	John Jordan .78 654-9703 4141 NP ★Hurnmel Frnfr Uphl 654-2112	CONDOLEA TERR SW LK OSWG
7225 Paul R Reid	D E Miller	004-0731	John L. Hummei	1- 99 TZ 6402 \$AG16 038610
7236 Eric Daegling	Irvine L Paterson	654-2966 4445 653-0056 4474	H 1 Mills	53 John Dailey
7305 Melvin L Neylon	Mrs Agatha Plante81 Wendell A Roach77	659-0157 4481 654-8992 4515		56 R R Bullivant
7315 David Roberts 289-2145 7324 E J Brandstrom 289-0104 7325 ★ Arts Furn&Air Cond 283-2019	Ralph E Robertson	654-7836 4523	Robert H Wooden 69 654-4836	58 Erik Voldbaek82 636-6668 59 Seth J Potter76 636-9859 60
Arthur Gilbert	Albert J Sessions	654-8820 4537 653-8550 4548	Mark E Pedersen	61 James S Coon /6 636-5003
7335 D.L. Harguess	Shirley L Smith	654-3954 4623	Donald B Reed 654-5684	63 Robert D Boyd
7416 7417 NP 7419 Ralph Householder 286-2133	Robert J Tadlock82 Ray F Tauscher81	653-1256 4637 652-2496 4646	Gien A Brann	68 K T Shipley
Dale Neffendorf	Leslie Totten	659-5437 4677	' Chip ONeil 653-1332	70 Robert W Zanders 73 635-2112 15 Residence
184 Residence 1 Business	E L Weatherbee # Stanley J Webb 71	659-0288 4714 659-9693 4729	Lino D Cartasegna	CONDOLEA WAY SW LK OSWG
CONCORD CT SE 97222 Milwaukie 15000-15199 TZ 218 \$BD 6	Allen T Welch	654-6721 4756 653-1534 4766		1- 99 TZ 6402 \$AG16 038620 71
036550 15110NP	Russell W Yeary 69 3511 & Stephen C Fountain	659-3869 477 654-5187	Donald L Charles 76 654-7382 Elizabeth Charles 76 654-7382	73 N Wentworth
15127 Harold A Stohler	★Oak Grv Assembly 3601★Brownell Sound	654-5187 4775 659-0394 4785 653-5411 4785	2 Jerry M Gowan74 659-4131	74 Arthur N Wiens
CONCORDIA COLLEGE 97211 See 2811 Holman NE	3620★McLoughlin Imprt	659-7444 4786 653-5436 4783	Richard L Oetken 654-4118 Leonard C Pennell	76 Edwin C Dwyer
CONCORD RD SE 97222 Milwaukie	3640★Holly Farms Cinrs 3650★E Bartholomew Is ★Farmers Ins Group	654-1118 4796 652-2445 479 221-1891	Fred R Morrow	CONDOR SE GRESHAM New Street-1981.
2300- 3599 TZ 217 \$8D 6 3600- 4899 TZ 218 \$8D 6 038570	★Farmers Ins Group ★Roger Gorman	652-2445 479- 652-2445 479	George W McCright 654-0469	RR 4
2310 Tim Beyer 659-0111 2403 Mrs R T Jordan 80 654-3300	★Vern Walker ★Rod Willett	652-2445 479 652-2445 479 659-9231 480	William D Boyer	038630 2605 Henry K Nelsen 82 663-5147
2424 Joseph A Miksch 654-0651 2425 Harry Mattoon 654-8415	3710 Ted Allison	652-1083 481 653-5636 No #	Units R Smith	2643 Ron Thomas
2427 Leonard W Fessler 78 654-0644 2491 Chris Rickford 78 659-7327 2510 Margt A Pritchard 654-2805	Cindy Ballestrem	654-6155 No #	M Malone	3001 G I Charpentier
2631 Lanny J Finley	Jim Benson Debbie Bergio	653-5333 CONC	CORD WAY SW BEAVETN erset West	3033 George J Ferguson
2682 Doc Sparrow	J Blakesley	653-9860 653-5221	600- 799 TZ 31601 \$BC 5	3048 Richard A Mentze 663-2219 3057 Robert Jones 663-2219 3065 David L Lord 83 663-6222
2702NP 2709 Stephen McGuffin77 653-1676	Robert Bowen	653-2631 68 654-5071 68	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	11 Residence CONDOR AVE SW 97201
2710	G K Buckallew	654-4877 68 654-6653 68	3 D J Hosebrough 83 645-6835 4 James Tracy	3600- 4499 TZ 6001 SAE17 4500- 4699 TZ 59 \$DE17
2757 Thomas Handegard 73 659-6418	J D Butterfield	659-6168 68	6 E M Nathan 80 645-2438	038640 PENNOYER ST SW 3605 Paul A Schwabe 79 226-6116 83 243-2726
2800★Con Lutheran Chr	M J Chaney	653-6487 68	Brian Taggart	3611 Brian Seanoim 81 243-2726
2833 Doug Hibler	Brad Cromer	654-4507 70	1	3625 Kurt H Hutton 223-3897
2908 Richard Persons 82 659-2921 2911 Stanley Stalick 654-7525	Gerard Florendo	659-0358 70 654-3226 70	3 Michael Davenport	G C Anderson
2955 Creig B Millen	Richard Ford	653-9047 70: 653-7826 70:	5 Thomas J Dennis 79 645-6396 5 707 NP	Eug F Barnard II
3012 Leona M Baker 75 653-0693 3020 L G Anderson 73 654-1181	L M Hemsworth	654-3154 70)NP	M J Burns
3023 A H Yager	Jerry Hovda	654-0426 71 654-8583 71	Terry Winchester 82 645-4576 Elmer G Nass	P A Epeynet 223-6052
3106 Darrell B Coffey 82 654-7949 3110 Robert B Welch 78 659-2765	J Hughes	653-1457 710 654-1504	6 E Merle Day	Don Gallagher 80 224-9032 E Griffith 80 222-7099 Sandra Higgins 82 223-7436 James E Lattin 82 223-7436 Lattin 82 224-878
Robert B Welch 69 654-6622	Dien Laiн Robin S Lamar ,я	659-6183 653-0773	25 Residence	James E Lattin
3127	M Landolt	653-1457 CONI 654-4741	DOLEA CT SW LK OSWG	Jennie Mahali
Laura Dilazzaro			1- 99 TZ 6402 \$AG16 038590 3 Charles J Beek 75 636-7725	Kermit Sharer
New Listing to the Directory New List	tiong to that Street # — Business Listing TZ	UMPUTER OR PHOTOGR Trading Zone 73,74,79	APHED IN ANY MANNER WHATSOEVER EXCEPT A: 5.ETC. — Year First Listed 1973,74,75,etc. \$A\$B,ETC	Michael L Shepherd

1979 - Portlan	d,OR	- Cole Publicat	tions	LE'S	1979 PORTLA	ND CONDOR	AVE CIN
***********	→ 97217	3500 Northrup H Solem	🗆 654-3954	3915 4005	Vernon G Delap 2 654-0993	32 W.R.Rohison r	7 / 2/ / / / / / / / / / / / / / / / / /
7205 Gregory G Farver	□ 289-8748	I M Sprague C V Steigleder Charles H Steinke	653-0571	4028 4062		36 Phil S Eaton	
7217	4 289-4754 289-7966	Emily Weatherbee	659-0288	4109 4131	John Jordan 8 654-9703	124 Al J Davis 126 J W Brayson Sr.	
7228 A M Ottoson	289-8645	Stanley J Webb	8 654-1396	4141 4205		120 Frank & Dreuer	7 636-8766 7 635-5700
7237 Richard B Shamrell	289-3740	Milford C White	659-3869	4434	Charles V Bassett 659-9776	28 RESIDENCE CONDOLEA TERR SW	
7305 Melvin L Neylon	285-3365	3511 ★ Asmbly of God	654-5187	4445 4474	Robert Layn Mills 659-1565 Charles R Mahony 5 659-2123	1 - 99 TZ 64	LK OSWG → 97034
7315 David Roberts	289-2145	3601 ★ Brownell Holly Fms 3610 ★ Perfect Look Hair	. 653-5411	4481 4515	William B Neels Jr 1 654-0197	034020	\$AF8
7324 E J Brandstrom	283-2019	3620 ★ Taylor Made Hobbie 3630 ★ Christian Sup Ctr	. 653-5436	4516 4523	Robert A Warren 654-1494 Robert H Wooden 654-4836	, 55 Irving L Wells	B 636-1164
Arthur Gilbert	3 289-0269 289-4804	3640 ★ 1 Hr Martinizing ★ Rainbow Dry Cleang	🗆 654-1118	4526 4537	Monte R Sweitzer 659-3904 E Brekke 659-0234	56 John C Watkins 6 57 Mayer G Monroe	7 635-5312
7334 E M Bergee	- 285-1694 7 285-9618	3650 ★ NW Shoe Store	659-9231	4548	Concord Athltc Asn 659-8077	58 John G Hoffman Jr 59 Seth J Potter	5 636-9859
7416NP	5 285-1/81	3710 Dale Adams	659-5945	4623	H L Bottemiller	60 H J Crebbs	- 636-9354 5 636-5003
7417 F H Oman	8 285-2116 8 283-5056	A Al-Khrayji Leslie M Allen	. 🗆 659-9387	4633 4646	Glen A Brann 654-7308	62	7 636-8790
1650 LOMBARD ST N No # Frank F Fessler	285-2007	B J Anderson	. 4 653-2097	4666	A E Baird	66 ★ Condolea Assc Ownr	636-1751
No # Roland Ohlfs	8 289-0819 2 BUSINESS	Thomas F Archer Dennis Ashby	. 8 653-5434 . □ 659-0516	4677 4684	John W Main	67 Robert L Price	3 635-2300
CONCORD CT SE Milwaukie	97222	Lonnie Beach	. 🛘 653-7042	4714 4729	Lyle W Williams 654-7545 Lino D Cartasegna 659-6837	69 Norbert P Trudeau 6 70 Robert W Zanders 3	5 636-2464 3 635-2112
15000 - 15199 TZ 218 033970	\$AH 9	Kelly Boyd L A Byers David A Cannon	. 7 659-1228	4742 4755	Robert M Schug 654-1812 John E Darling 5 659-4894		BUSINESS
15110 Art Bernauer	654-5536	L M Carathers Debbie A Childress		4768 4771	Wayne E Frie	CONDOLEA WAY SW	LK OSWG → 97034
2 RESIDENCE	654-6657	D Coley C Connell		4782	Elizabeth Charles 6 654-7382 Jerry M Gowan 4 659-4131	1 - 99 TZ 64 034030	\$AF8
CONCORD RD SE	97222	J A Corbett Joe Cowling	. 8 653-9006	4783 4786	J O Smithson	72 George H Brustad 7 74 Arthur N Wiens 6	636-6702
2300 - 3599 TZ 217 3600 - 4899 TZ 218	\$CH 9 \$AH 9	Charles J Cultrera	. D 653-1605	4787 4790	Leonard C Pennell 1 654-5249 Thomas H Watts 654-6845	76 Edwin C Dwyer 6 3 RESIDENCE	636-4813
033980 2310 Paul A Workman		Richard G Denman Mickey Dietrich	. 🗆 659-3651	4791	Fred R Morrow 0 659-0693 Lorrie Morrow	CONDOR AVE SW	97201 \$8G 7
2403 William R Latham	6 653-2084	Joseph A Dietz C L Drake	. 8 654-2053	4794 4795	John R McSperitt 1 659-2000 Chuck Sasse 🗆 659-9222	3600 - 4499 TZ 60.01 4500 - 4699 TZ 59	\$EG 7
2425 Harry Mattoon	654-8415	Gary R Ellis Andrew H Erskine	654-8169	4797 4798	William D Boyer 7 654-0271	034040 PENNOYER ST	
2491 Chris Rickford	8 659-7327	Darlene Evans Bruce E Fagg	. 6 659-0799	4799 4808	NP Clifford W Jones 7 659-7188	SW 3605 Paul A Schwabe E	226-6116
2693 R E Creighton	□ 659-1498	Ronald D Fisher	. D 659-3543	4811 No #	Cyril G Smith	3611 Joe P Weber 7 3625 Kurt R Hutton 6	228-1652
2700 M J Cooper Jr	654-1220 7 653-1676	Steven R Ford D M Fossati	. 8 659-2543	No #	M Malone 8 654-3754	3635 W C Sutherland 1 3701 ★ Abitare Apts	248-0428
2/25 S.A. Wilkinson	□ 653-1603	Brian R Gellatly	. 🗆 659-8838	CONC	256 RESIDENCE 17 BUSINESS ORD WAY SW BEAVETN	David R Olsgard □ ★ Rembold Corp □	222-2468
2757 Thomas Handegard	3 659-6418	J L Graves D Hartung	. 8 654-9136		set West 97005	3707 Richard M Sabel **	• 223-3307
2800 ★ Concordia Luthn Ch	654-6100	Tom Hatch	. 🛘 659-0067	•	500 - 799 TZ 316 \$BD 6	3716 Jim Dunn	1 553-3415
2901 Charles W Rist	654-0251	Tina Havelhurst	. 🛘 659-2892	681 682	NP E J Gertz = 645-4968	Elijuh Mirochnik	227-4328
2908 Richard A Persons 2911 Stanley Stalick 3010 Carl D Grindle	659-2921 654-7525	M M Hnidey	. D 659-4381	683 684	Norm Rosebrough	3736	228-9723
JULZ Leona W Baker	5 653-0693	Bob G Hughes	- 653-5600	685 686	George Pike 7 645-7203	3852 Bob Anderson 3 3855 Capt C V Jones	223-1005
3023 A H Yager	- 654-5686	Robert Imgber Mark N Jackson	. 🗆 659-1954	687 688	Mark A Bennett 8 645-4231	3900 Hiroshi Ueno	221-0757
3040 Daniel J Evans	5 654-8130	Nancy L Jacobsen	653-0166	689 691	Fred Bennett 645-6649	D M Madson	228-1948
Edward F Hunter	654-7949	Gary L Johnson	. 🗆 653-7101	701 702	K D Hinds	3956 Helen Farrens	224-1726
Robert B Welch	654-6622	C N Kelley	. 🗆 653-6145	702	Charles Easter	3968 Ira I Foltz	227-7185
3122 Ray E Wills	654-4485	James D King	7 659-4430	703	Kim Franz	3977 Edwin Borgeson	222-4530
3127 D M Dahlquist	654-4294 654-1172	Edward T Korpita E B Kuhr	. 13 653-7084	705 706	NP Thomas J Dennis 645-6396 J Evans 645-4565	3984 Hilary L Kennedy	227-3877
2413 Steven Wilsey	8 659-1037	B Lara	. 7 659-0358	101	Merwin Stephens 7 645-6854	3990 G W Williett	223-2706
3222 C M Schulz	7 659-2863	Pat Lewis	. 🗆 659-1093	709	I Adams = 1 646-6427	4000 Ronald Greenman	241-0347
3229 Robert C Burbank	4 659-2602	V G McCaffree Douglas M McClain	. 5 659-2798	710 711	K C Wilson	4000 Ronald Greenman LL M J Larson 4014 W H Butler 2 4030 Lloyd R Bunch 4 4031 Laurence E Arnold 5	223-4218
3311 D M Holm	□ 653-9543	James W McIntosh Thomas M McIntosh	659-4942	715 716	Elmer G Nass ~ 645-6508		
John K Storm	6 654-1165	Dennis McLeod	0 450 4002	717	David Beebe	4100 Mark H Shafer	227-0862
3333NP		Kevin J Murnane	. 8 659-6267		28 RESIDENCE	.4105	223-8898
3500 Arthur L Abraham	1 654-6131	Wilma D Osborne	8 653-0002	COND	OLEA CT SW LK OSWG	4112 Philip IVI Hindley	227-0264
C J Banko	7 654-5520	Jay Overen C Peairs Karalyn W Porth	. 7 659-2892 . 7 659-7813		1 - 99 TZ 64 \$AF 8	4131 Marjorie S Wiselian	220.7789
Vinnie J Bell	4 654-7454 659-0629			38 39	Charles J Beek 5 636-7725 A W Wardin 5 635-5096	4141 Ivan L Scott	222-5279
Otto bristow	2 654-4295	William L Prouty	. 🗆 653-2328	40 41	Paul F Keeney 3 434 4935	4208 DE JUINSUN	223-1330
D Brooks	659-5012	David Quivey K D Rasmussen T Rea	. 🗆 659-8617	42 43	Flavel W Temple	4212 Mary Ann Bertrail =	227-7979
Ralph W Chaney * Concord Terr Hme	654_4205	William F Regan Gavin Reid	7 653-0444	44 45	VIIIUII Sheeden	½ P M Dunn	222-2811
W J Cranston N M Curl	A 654 DOLO			46 47	John B Sears	4219 Peter J Dehlinger 0 4224 J Kuzman 8 4232 B Green 8	222-1477
Gene Donahower	654-4127	G Root Joanne C Rowland G Ruggles		49	Dr J C Derbyshire 7 435 2001	Matthew W King	224-0207
Roy M Ek	150 3310	Alfred R Sayler	- 454 1104	50 51	F E Woods	4242 John T Denker	223-2040
r L reilingnam	3 454 2020	C G Scheideman Ronald J Schroeder		52	John Miller Allen 636-9290 15 RESIDENCE	4305 John F Lefler	228-5760
William Francis Gerald B Halverson	659-1797 1 659-8980	Jere Schuler Michael L Searls	. II 654-5258	COND	OLEA DR SW LK OSWG	4310 0 W 31110111011111111111111111111111	222-2130
Earl W Harnack		Roy Shilling	. = 659-8606		1 - 199 TZ 64 \$A FR		
Robert F Jackson	U 660-337E	D M Smith	. 6 653-1374	1	Robert J Koch 7 424 4005		
Leland I Killian		John Stewart	. = 659-8065		Henry Olshen 9 434 4330	4328IVI	226-0464
M K Lauer W I Logan H P Maddison	659-5386	Doug Stoll	. 0 653-5752	6	A M Clannerton 9 434 4705	4336 Jack K Bennett	227-4550
H P Maddison	659-0666	Michl A Szaroleta	. 🗆 659-0282		Austin Schnase 636-1638		~~7-3790
Dale McDaniel	8 659-9313 4 659-0877	Henk Vanderburgh	. E 653-5246 = 659-8721	8	John L Schetky Jr 3 636-0680	AA15 Ficie M Glevre	227-6843 223-5060
Chris Modin	5 654-2942	Kichd F Walgraeve	6 659-8231	11	Jack E Meadows 6 636-4252	4423 Robert A Labby	
Alfred I Nichols	2 654-013c	John Winders	. 7 659-2767	15	Col J Hertsche Ir 4 435 3311		222-7128 227-0716
irvine L Paterson (654-3333	K R Zulener	. 6 659-8062	18	W D Mold	4004 Edity	227-3842
Wendell A Roach	1 65Q_107E	3811 Conserd Floor Catal	654-2013	20	Roger D Derr 6 434 3315	4604 Larry F Meyers NP 4619	224-3758 223-9593
H J Rushford	654-7836	3901 James E Harding	. 653-3635 . 6 659-4024	21	TE Cood NP	4626 R E Loe	241-0061
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		Dusiness Listing;	IZ Trading Zone	3,4,5,etc —	Year First Listed 1973, '74, '75; \$A,\$B,etc — C	AS AUTHORIZED IN WRITING BT THE Location of th	Oil.

1975 - Portlai	nd, QR, - Cole	tions, 975 PORTLAND	CONCORD RD SE
7236 JAMES W BAILIE 0 2895857 7237 NP	8609 S C SCHOENFELD 7751905 8636 NP	6128 JACK L HOWARD 2857450 1700 COLFAX N 6209 GERALD HOWARD 3 2899457	3306 GEORGE O WILSON 1 6549614 3311 GEORGE W BOWEN 4 6542001
500 HOLLAND ST N	8655 G M EVANS 7758510 8700 NP 1 7772645	as 1700 HOLMAN N	3333 WES PHILLIP 6543363
7309 E RUSCHEINSKY 2895326	8701 - NP 8702 WAI BURGA BECHTOL 0 7718880	HIGHLAND N 1710 PORTLAND BLVD N	SSSU DUNALU L CHARLES 9 6547382
7335 LILLIE MAE ALLMON 4 2895130 458 STAFFORD ST	8710 NP 8743 NP	6511 JOHN B BOLZELL 2893987 6525 H M. HAFNER 2896248 6526 K HOWARD 4 2853405	VINNIE J BELL 4 6547454 CHARLES S BENTLEY 6 6590629
7406 D M HOUDASHELT 2 2832047 7407 7432 JOSEPH A MARKHAM 0 2896803	8757 8909 A W PALTRIDGE 7743080 8915 TONY SKORO 47753568 9000 R E DEAN 7747906 9100 MICHL L VANCLEAVE 3 7710910	6535 JACK B HARMON 4 2858653	FRED L BOYDSTON 2 6594678
7432 JOSEPH A MARKHAM 0 2896803 N A PLUMMER 2852205 500 LOMBARD ST N 7542 WILLIAM A GREILING7 2851572	9000 R E DEAN 7747906 9100 MICHL L VANCLEAVE 3 7710910 20 RESIDENCE		O M BRISTOW 2 6598216 RUSSELL R BROWN 9 6593350 R D CARDWELL 9 6595012 RALPH W CHANEY 7 6541279 VERNON E CHANTLER 1 6544210
7542 WILLIAM A GREILING7 2851572 7543 JOHN FERRETTE 2852824 506 RUSSET ST N 7604 WM WILLIAMS JR 0 2856823	CONCORD AVE N 97227	6556 DARREL SANTESSON 8 2855800 6605 JOHN W NOEL 9 2852289	VERNON E CHANTLER 1 6544210 *CONCORD TERR HME 6544295
7605 JOHN B WIESMANN 1 2851825	3900- 4599 T 35.02 \$EG 5	6616 LYLE R YODER #2892786	*CONCORD TERR HME 6544295 W J CRANSTON 3 6599609 ELIZABETH F CRAYNE9 6547678 N M CURL 4 6549018
7637 LEE W WESTFALL #2853956 400 BALDWIN ST N 7650*APPLEGTE JESSE SCH 2895423	6500- 7499 38.02 \$0G 4	6020 M F WILLIAMS 2804001	ELIZABETH F CRAYNE9 6547678 N M CURL 4 6549018 TOM K EGGERS 16594793 BETTY J EGGLER 7 6544127 ROY M EK 6 G591368 J LESLIE ENGLISH 7 6591979 F L FELLINGHAM 3 6542828 WILLIAM FRANCIS 66591797
7650*APPLEGTE JESSE SCH 2895423 7675 MRS ARVID NILSSON 2852697	3908 H ALFREDSON 2825078 PAUL A HALE 12825078	6706 JUHN S GARRETT 2891222 6717 EARL A BLOOMBERG 8 2897432	J LESLIE ENGLISH 7 6591979 F L FELLINGHAM 3 6542828
288 RESIDENCE 7 BUSINESS	3924 NP	6806 DONALD L HOYF #2835443	HOMEO H HANDBURY O 4544005
CDMMERCIAL BLDG HILSBRO #DR D W BYRD 6481411	3945 LEON RICHTER 4 2884009 3948 DIXIE DIZICK 9 2823359 BILLIE SPEARS 2823359	6818 FRED J HEGEBERG 7 2859952 6825 BOBBY HARRIS #2899484 RUTH ANN KENYON #2899484 6828 W R JONES 1 2832963	EARL W HARNACK 1 6548165 MILDRED HARNACK 1 6548165 BETTY HOGGAN 116546078
1 BUSINESS	3967 HAROLD SKOW 6 2815304	MRS W R JONES 1 2832963	BETTY HOGGAN 16546076 LUCY H JACKSON 3 6592008 ROBERT F JACKSON 9 6544761 HILDING F JOHNSON 0 6593365
© COMMONWEALTH AV SW 97201	3973 DONALD E LEACH 4 2876702	6836 NP 2897367	LUCY H JACKSON 3 6592008 ROBERT F JACKSON 9 6544761 HILDING E JOHNSON 0 6593365 6 LELAND I KILLIAN -6549066 ELIZ R KLEMSEN -6598074 PAUL LACY 0 6544195
	3976 GEORGE L BALLINGER 2829300	6856 RICHARD BOZICH 9 2893473	MARRY W LAUER 6 6543234 ERWIN S LEWIS 6 6541033
2520 A RICHARD HUGHES 2 2222111 2630 JOE POLLOCK JR 0 2223679 2681 M MCGLOTHLIN 1 2231057 4 RESIDENCE	4005 A P KURTZ 2844476 4006 DAVID E GRANUM 2877871 4014 JENS SANDE 2845830	6914 JERRY M SMITH 4 2853073	W I LOGAN 9 6595386 H P MADDISON 0 6592526 S A MANSFIELD 9 6590666
COMPTON RD SE BORING	4014 JENS SANDE 2845830 4015 FRED W CLARK 2842690 4026 LEDN R CHILSON -2828876 4027 C B ROCKSTAD 2820767 4034 R L MERRIGAN 7 28774536	6925 DOUGLAS YOUNG 3 2851494 6926 FORD AMEND 2893277 6933 VERNER SIRNIO 2894877 6934 DELMAR A KENNELL 2896775	MDE E E MCCLUBE 7 4600317
97009		6934 DELMAR A KENNELL 2896775 6944 FRED W HAYES 7 2897698 6945 ROBERT ARMSTRONG -2833049	DALE MCDANIEL 4 6593937 CHRIS MODIN 4 6548731 ALFRED I NICHOLS 4 6548125 MELVIN E NIXON 9 6542066 M C OAKES 16542067
31537 RAYMOND C BARNEY -6634984	4047 ROBERT A LARSON 3 2888091	6955 L W GADDIS 4 2898757	PALPH F PORFETSON 1 6591075
31581 CHARLES L RUEGG -6633494 31646 GLEN J TUTTLE 4 6633352 31995 JOHN D WINNER -6633803	4064 E L SPOONER JR 9 2819700	7004 HENRY E BERG 2897937 7005 RICHARD A LARSEN 3 2857078 7015 I L WITT 4 2896075	H I RUSHFORD 9 6541658
31546 GLEN J TUTTLE 4 6633335 31945 GLEN J TUTTLE 4 6633835 31945 JOHN D WINNER 6633484 32055 THOMAS D WHISLER #6633242 32117 LISLE DAMOURS 6633484	4065 ERNEST W NELSON 2870461 4074 JACK REZIN LEONARD 2827853 4075 RICHARD G DOBBINS -2828603 JOHN N GRANGER #2828603	17021 L A HENDRICKSON =28586741	LEROY R SMITH 4 6599684
*ROSY BEAUTY SHOP -6633067	97217	7035 KRAIG M SAKS	R L TONSING 4 6544966
32380 DONALD C ROOT -6635971	4105 AURDEY V JACKSON A 2949401	7045 NP 8 2833691	OTTO WALKER 9 6549078 EMILY WEATHERBEE 7 6590288 STANLEY J WEBB 1 6599693 MILFORD C WHITE 4 6546721
32855 MEL OQUINN	3 C MILLER 2822873		RUSSELL W YEART 9 6545187
33065 FREDERICK J GREEN -6633651		7115 DRA M HICKS 2894066	3601+000WNELL HOLLY FMS 6542288
	3 4215 ROBERT B REESE 4 2876976		3710 EDWARD J ARATA 4 0334757 ROBERT H BAGLEY -6545616
	4236 MARIE J FUERSTENAU7 2810684		M BECKLEY 116597583 J BERRETH 116592676 J BERRETH -6595813
34171 MERLE D STOTTS 6635962 34325 JOHN T LAMB -6635981	4403 J ZELL WALKER II -2827436	7145 HOWARD B DAVIS 2892043 7153 ALICE C STALEY 2894850 7154 MILLARD B JOHNSON 0 2897592 	J BERRETH 16592676 BRUCE R BICKNELL 6595813 J M BLALOCK 16596402 DAN J BOLSTAD 16599015 M J BOOS 16599015
34385 LEONARD L YOUNG -6634576 34411 IDA G CARVER -6634100 34500 GEORGE W GRIGG -663563		7217 K SAFRANSKI 3 2833468	F BRANNAN HETER H6599766
34561 ROY L ELLIS -6633739 ROY L ELLIS -6635029	0 4606 ROLF O J RORVIK 2877890	7218 FAY C FERGUSON 4 2894754	BILL CASANOVA
34583 DUANE PETERSON -663378		7236 CHARLES E JORDAN 7 2853535 7237 RICHARD B SHAMRELL7 2893740	L CHOQUETTE 465891902 LARRY G COLE 4658929 HAROLD CONNETT 4658929 KURT CRITTENDEN 46599503 KURT CRITTENDEN 16594934 CRUNINGHAM -6594429
34601 DANIEL L STEVENS 4 663373 34653 D L GAMMOND +6635916 34792 AMOS J BEAUDOIN -663313	14655 GEODGE D MEDDED 7 0070000		WILL IAM K DEEKS 16544392
34920 ROBERT L LEACH -663510 34995 LEWIS R JOHNSON -663591 35000 RODNEY HALL -663378	AGTE CTCHING	7324 E J BRANDSTROM 2890104	KIRBY H DENNY -6599043
35011 MELVIN C GUPTON -663475 35050 WINIFRED WHEELER -663504	4730 WALTER L SCHOOLER 2891981	7325*ARTS DIL FURN REPR 2832019 ARTHUR GILBERT 3 2890269 7334 E M BERGEE 2894804 7335 NP	NANCY ELMER
34603 DANIEL L STEVENS 4 603373 34653 DL 6AMMOND — 6635913 34653 DL 6AMMOND — 663313 34653 DL 6AMMOND — 663313 34653 DL 6AMMOND — 663313 34651 EN 643131 35070 ROBERT PIERSON — 663364 47 RESIDENCE — 1663364	0 4816 F A DOLAN NP 4 2859508	7405 H L EASTERDAY 3 2858626	CHARLES FLEMING 4 6531588
COMUS SW 97216	HUMBOLDY ST	7416 NP 7417 P M RANDALL #2856093 7419 ROBERT GEE 8 2859618	THEO S FORSBERG 6547354 L FREITAG 6596080 ROBERT GERWIG 86599227
1000-1699 T 64 \$A.F. 01008 JOHN H GARREN 9 636350. 01011 GYYNNE A HOSS 9 636036. 01030 GEORGE V GUY 9 636545 01110 R G PITTENGER 9 636630. 01111 DOUGLAS J WHITE SR	4914 L W MURRAY 9 2854205 3 4933 JOHN H VIELHAUER 4 2890967	192 RESIDENCE 1 BUSINESS	TOM G GSELL #6544392
01011 GWYNNE A HOSS 9 636436 01030 GEORGE V GUY 9 6365456 01110 R G PITTENGER 9 6365450	5007 1700 ALBERTA ST N	CONCORD CT SE 97222	JEFF W HEISLER 4 6538699
	5027 M V CARLQUIST 2855465	DAK GROVE	ROGER HILDRETH #6597452 GEORGE J HIRST 6543154
01411 W R WILLIAMSEN 8 636484: 01505 H H PEIN 9 636495	0 5037 NP 3 1695 WEBSTER ST N	15042 ROD FIFE #6596600 15110 ART BERNAUER 6 6545536 15127 HAROLD A STOHLER 9 6546657 3 RESIDENCE 9 6546657	*HOLLY ACRES APTS 15543222 G H HOVIES 46590620 M A HUIARD 16543723 LEON T JALLO 16543730
01605 ROBERT H#DODD JR 9 636225	3 5115 D WITMAN 4 2857891 5 5125 FRED A DORIN 2899944	CONCORD PD SE 07222	M A HUIARD 66543723 LEON T JALLO 65543760 RICHARD T JOHNSON 65543760 DAN KELLEY 46531905 ALLEN 60CH 46593709
COMUS SW 9721	5125 FRED A DORIN 2899944 5133 RAY W THRASHER 1 5205 FATNE F JOHNSON 9 2854778		ALLEN L KING 4 6593709 DONALD E KOCH 16593451 STEVE LEEDOM 4 6531430 MARK D LINES 16599905
*** 1- 599 T 63 \$AG	5225 WILLIAM A ADAMS A COSCO	MILWAUKIE OAK GROVE	MARK D LINES #6599905 ROBERT R LUCICH 4 6530797
1201 PHILIPS ELROD #245259 1221 NP 3404 J E BAKARICH 246499	3 5235 VINCENT'P RIPLEY 0 2898304 7 5303 MRS J RIDGLEY 2858280 5304 VICTOR J BURCH 2855797 5310 JOHN N SHANKY 3 2834636	2403 EILEEN M LATHAM 2 6598786 2424 JOSEPH A MIKSCH 6540651	JAMES E MARCY JR #6541023
	2 5309 JOHN N SHANKY 3 2834636 5310 VICTOR A PETERSON 2858024	2425 HARRY MATTOON 6548415 2427 CHRIS MARTHALLER 6 6544675 2491 E N RICKFORD 9 6597327	R L MCCONNELL JR 4 6594449 PATRICIA MEYER 4 6598679 PATRICIA MEYER 4 6598679
3636 C HARTMAN 246180	5317 NP NP NP	2427 CHRIS MARTHALLER	ROCKY MINCH 16592676 S NONNE 16595029 J L OBRIEN -659808
3746 DICUADO EN SUN 2463069	2 •• 1695 WILLIAMETTE •• BLVD N 9 5410 WILLIAM JONES 2891052 0 •• 1675 KILLINGSWOTU 3 2833924	2709 DAVID PATERSON 3 6591897 2710 CARL P NELSON 9 6592907	ERIC T OLSON -6591474 MARIAN C ONEAL -6591431 DWIGHT OTTENBACHER 16540907 DALEH OWEN 16530243
3740 L'K HENDERSON 246306: 3746 RICHARD R WHITE: 246576: 3810 MRS H J HOFFMAN 2244576: 3910 PHILIP B OMALLEY 244536: 3922 PAUL E HILLEY 1246389: 3932 MARY SOKOL 1246613:	1675 KILLINGSWRTH	2725 EDWIN H ELLIS 9 6593754 2750 C R DOWREY 4 6530222 2757 THOMAS HANDEGARD 3 6596418	JIM PILLSTER 16547038
3922 PAUL E HILLER #246013 3932 MARY SOKOL #244284	1 5520 FRANCIS L PERRY 4 2894155 1 5605 RICHARD CHURCH ST N	2760 NP 6546100 NP 6546100	T REA #6530258
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3819 Arthur E Freiter 91 € 653 - 1685 3822 Myles E Theberge 68 € 659 - 0321 3835 M Aune 80 € 654 - 3787 3889 Lloyd R Rountree 68 € 659 - 3167 3882 Roy H Kruger 72 € 654 € 2690 3821 M L Westerfield 72 € 654 € 2690 3821 M L Westerfield 72 € 654 − 7825 3839 C Phuck Passavant 91 € 653 - 0115 345 R W Bennett 70 € 659 € 6560 3557 Fred Elston 78 € 654 - 7663 3962 NP 3965 B Cornett 96 € 54 - 1742 3970 P M Knapp 87 € 559 ♦ 1942 12 RESIDENCE	13571 13573 . NP 13611 . NP • 13615 George Hurlburt 652-2614 13616 L M Eppick 63 • 654-2887	15650 John J Gerhardt	H HUMAS BRUS MAP LUL 566-U5 R A Brown . 78 289-2662 James D Kalmbach . 93 289-2662 6716 T R Phelps . 56 • 283-5526 6726 Scott Derieux . 81 • 289-2583 Scott Derieux . 97 • 289-9977 6738 Lioyd Binnington . 93 • 735-1952 ■ N SARATOGA ST INTS
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3965 B Cornett96 654 – 1742 3970 P M Knapp87 659 ◆ 1942 12 RESIDENCE	13638 Michael Ormsbee .97 653-9011 13639 Flora Lansing . ☐ 659•2149 13641 M L Becker . — 659-9289 13709 . NP	*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	6815 J Rennick .77 ◆ 285 – 5986 6818 David Witham .80 289 ◆ 3918 6996 Joseph O'Donnell .■ 735 – 9240 6912
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John H Jaeger	= SE COURTNEY RD INTS	15920 Jeffrey Dahl	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
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21 RESIDENCE OAKWOOD CT SW BE		20 ★ Gladstn Chidrn Ctr 65	i7-1212 13517	D C Hoefer	3 653-5262 - 653-5726	15810 William D McDonald 659-2998 William D McDonald 654-3771
065220		27 Patrick J Shea 🗆 65	57-0143 13520	Gene A Olson	7 659-7834 7 653-2625	15813 J C Reasoner 659-2967 15818 Jack Richartz 🗆 653-0106
2550 Rev S Kleinsasser 64 2595 Kenneth A Kent	9-2510 1850	05 Russell Godeiahn 65	66-1182 13522 66-9405 13571	Barbara Haugsten I R Trobaugh I	1 653-1239 1 653-5270	15819 Ken W Downing 659-2828 15903 Theo T Hartzell 3 659-5540
2645 Ronald G Rydman 64 3 RESIDENCE	9-9424 No	# George Heimel 65	56-4863 13573 SINESS 13611	J R Dobry	- 659-3643 654-2659	15904 Ira E Erickson Jr 5 653-0303 K S Erickson
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065230 6715 J D Denning	4-5715	065270	\$AH 9 13717 13718	Richard G Hittle	654-5636 659-8786	James R Hoyt 4 653-0941 * Natl Retinitis Fn D 654-5600
6770 Bruce Niust 2 64	4-2629 1210 4-9525 1210	04 NP	13720 13730	Delbert W Watkins David M Jones 8	3 654-3022	15919 Donald D Dann 1 654-3937 15920 Terry M Martenson 8 654-0043 15921
6820 Kenneth Schlosser 3 64 6825 David P Hoff 6 64 6850 C L Mattingly 8 64	3-4439 121:	50 Dave Hass 65	54-3659 13822 5	Mike A Young	654-3697	16003 Gordon R Sabo 6 653-0125 16010 G D Dryer 5 659-1634
6870 S D Roos 9 44	6-4562 121	72 Kenneth A Reynolds 65	54-1210	Tropical Foliage	654-5342	16011 Richard G Forsberg 659-2687 16015 William J Woolford 654-2758
6890 Richard W Frank	6-4088 122	00NP	13909 54-5768 13920	Thomas A Shauvin	3 659-2658	16023 William C Preble 654-1962 16106
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6925 Weston Alt	6-3234	Edward Middagh 6 65	54-0310 14014 14035	L F Phillips	654-1419	16118 Leland Wallace 654-2905 16130 Dan B Howell 654-2888
R L Calhoun	6-0911 1224	49 L.T.Meyer	59-8413 14037	H McIntyre III 8	3 653-2790 - 654-5547	16131 NP 16137 Joseph A Gerber 654-3540
6970 Riecar 7 64	1-7304 1228	B1 NP DO CL Koerner 7 65	14041 54-8773 14043	E L Kenney NP	7 654-5022	16142 Jack H Gossett 0 654-2798 16210 Herbert F White 6 653-1795
19 RESIDENCE	4-4940 123. · 123.	15 Erich P Reich 0 65	54-4934 14045 54-0802 14047	Pat Sullivan	- 654-2212	16216 Belinda Rudser
OATFIELD CT NW 11900 - 12099 TZ 315	97229 123	19 James E Ivey D 65	14051	John R Hunt NP		16305 Debbie Santos 17 653-0858
11905 Robert F Bonden	123		54-1070 14104	George F Smith	- 659-3458	Robert W Santos 8 653-5831 16306
A J Forrister	6-4514 124	00 Evan W Jenks 2 65 14 NP ½ NP	14160	E J Shumway 0	3 654-8109	16507 George W Weseman 6 653-9015 16509 Mehdi Arababian 🗆 654-0593
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11960 Walter Cross	3-2401 125: 6-0890 125:		54-1403 143087	A Dan Locke		16513 W B Eisenman
11980 Richard S Harris 4 64	3-2565 4-5279	C Cole	54-7910 14311	Leo Vilstrup Leo Vilstrup	654-0037	16516 Nels C Brudvig 654-8234
12005 Eugene T Jewett 4 64 11 RESIDENCE	6-3524 6-6470	Steven Santilli 🗆 65 Les Stokes 🗆 65	59-1584 14312	J W Lucas	- 659-5384 - 653-0768	16695 R R McDonald
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3800 - 3990 T7 214	126:	12 Karen Hughes □ 65 Perry L Hughes 65	54-4805 14404 54-9685	Ella B Liddell(654-8588 654-3505	16710 Edgar IIIS 0 654-7916
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3882 Roy Kruger 2 65	9-3167 126 4-2690 126	37 NP	53-1688 14518 14521	NP NP Beryl A Smithson.		16908 Paul G Laudien
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		DON E FALK #6599 WILLIAM W FRIERSON 8 6590	1	15800 MARVIN WINN 15810 WILLIAM D MCDONALD	6546178	18651	MRS CHARLES SMIT	NP TH #6554942	В 0	CURRAN HARRIS	0 2862141
		HENRY HEPBURN -6597		WILLIAM D MCDONALD	6592998) 6543771		*OREGON BOOK&BIBL 50 RESIDENCE	E 6569405 3 BUSINESS	MAR	IDA M IRWIN IE P JOHNSON IE E SELBY	9 2863010 0 2865074 0 2864175
		DAVID A HUGHES #6599	362 1	15813 J C REASONER 6 15818 THOMAS E ROCKNEY 0	6592967 6597794	1	IAN AVE N	97217	MRS S A	EMMA STOLBERO	0 2868455 0 2861733
		JOANN K LOVRO #6546	712 1	15903 JOZSEF POZSGAI 4	6592828	6716	6700- 7499 T 39	2896469	6634 GEO	IE WOOD RGE H CALVERT	0 2865137 0 2863339
		MRS CLYDE S MARTIN 6542 CAROL F MCGRAW #6599	470 1 313 1	15904 DARRELL D COLLINS 15910 CHARLES T DAVES 7 15917 H K EWALT	6544942	6738	CALVIN M BROWN ALLAN R LORD MRS MARGARET UNC	-2856003 9 2898026 SER 2897767	90 R	TONKYN ESIDENCE	0 2860909
		MARK NELSON #6592 NANCY NIEMUTH #6598	515 1	15919 DONALD D DANN	-6543937	6815	HOWARD J KILLEEN HENRY J HAMPTON	9 2852467 #2898518	OBRIEN		LK DSWG
		S H PANTANO 9 6595 HANS POLSTRA #6546	389 1 542 1	16003 RICHARD GORHAM 9 16010 GEORGE W PFOUTS	6591095 6547229	6906	MILDRED HAMPTON E P FERGUSON	¤2898518 2894754	1	- END T 205	\$AG.9
		R B PRICE #6596	976	16011 RICHARD G FORSBERG 8 16015 WILLIAM J WOOLFORD	6592687	6927	R A WOODS	2892205 1P 2890615	1023 SHE 1033 DAN	KILGOUR LOON KIMALEHTO	9 6369735 #6363797 #6367218
		DEBBIE SELLERS #6598 BARBARA SHEPARD #6598	761 761 1	. 9 16018 BERT A GARNER 0	6542758 6544096	6939	DON MENICOSY JR	2890825 2891825	1042 DAV	ID O MYERS TT REDFIELD	9 6363913 6363051
		LAURENCE SMITH #6548	282 1 724 1	16023 WILLIAM C PREBLE 16106 RICHARD P COATES	6541962 -6598491	6951	R C LEWIS	8 2859579 2898408	1044 DAV	ID E SALA ESIDENCE	9 6365209
		WILMA M COX 9 6542	385 1		6543340 ¤6591027	6975	J E WHITE GLEN N HEREM R A ARRONSON	2894752 #2892838	OBRIEN	SW	97223
13	521	NP	712 1	JAMES A PHILLIPS 6 16118 LELAND WALLACE 4 16130 DAN B HOWELL	6542905 6542888	7016	ALLEN N CUMMINGS W J CAUSGROVE	9 2896509 6 2857920 2890929	7755 J A	END T 305	\$AE 7 2 2465864
13:	571 573	DAVID L FERGUSON #6596 GARY A RICHTER #6599	176 1	6137 JOSEPH A GERBER 6142 JACK H GOSSETT 0	6543540 6542798	7025	V C FINK M MILLER	2890188 4 2858993	7805 FRA 7845 R R	NKLIN LYLE BEA Eastman	
13	616	J L EPPICK 6542	559 1 387 1	NP 16221 JOHN H CHARTIER	¤6592279	7038	W L FENT J F MCCLURE	7 2855409 2896449	7950 J H		2 2444675 2 2465540
		ROLLIE ICE 9 6592 LEAON M LENT 4 6592 R J SMITH 6 6547	009 1	6222 CHARLES WILLOCK 6305 L M WHIPPLE 9 6306 NP	6592826 6541361	7104	ISAAC PAPKOFF STANLEY H MCCUNE T E PEARCE	2895816 8 2856498 2893689	7980 ELW	O W EHLERS DOD L JONES ESIDENCE	-2460288 9 2445571
13	716 717	RICHARD G HITTLE 9 6545	1 866	16323 · NP	6548234	7111	L F DILLREE	1b	осносо		97202
13	720	DELBERT W WATKING 6547	504 1	6671 R P ADAMS	6548103 #6548761	7123	GARY SPANNAUS M PETKOVICH	0 2898318 2893127	MIL	WAUKIE	
13	740	MRS M E ALEKSICH -6549	764 1	6699 LYLE E HARLESS 6704 F PHILIP FISCHER 0	6544536 6592547 6547262	7202	EARL N COLE CHARLES W LEAVY P BRODERICK	2894878 0 2854940 m2894821	800	GROVE - 1699 T 1 - 2499 T 2	\$DG 7 \$CH 7
13	900	R J GEER 4 6546 B R GRITTERS 8 6541	709 1	6710 JOSEPH A WERNER 6721 ALAN E GARRETT 0 6800 RICHARD D SALTER	6547916 6543770	7211		2896694 5 2898749	808	NP AUGUSTA TOBIN	•
10.	920	N M HICKEY #6543	151 1 274 1	6809 ROCCO CAPPELLI 9 *HILLSD NURSERY	6542961 6542961	7234	MRS M SCHILLEREF	2898702	849	NP	
14	005	JAMES C BOWEN SR 6542	364 1	6822 W E NELSON	6594890 6544140 6543470	7306	L B SALSER E L LIVINGSTON TIMOTHY W RUVO	5 2851508 2895792 9 2852755	861 JUD	DELLA A COWDEN ITH EARHART HAEL P EARHART	¤6542558
14	035	KENNETH M HOFFMAN -6596		.6908 PAUL G LAUDIEN .6911 HARVIE BLAKE 9 *DAK GROVE DISPOSAL	6546846	7312	JOHN B COON BRADLEY LEPLEY	2891255 ¤2897996	862*CUS *NIN	TOM KITCHEN A WEINSTEIN	6549603 6549603
	40,	S MAPING	937 937 1	WILLIAM G SPADY 9	6546118	7327	A ROOK KENNETH J ROBINS		863 867 R S	NP AFTENBERG	7 6545952
		LAWRANCE A FRANSON 9 6595 MICHAEL A GILLARD9 6548		TOTA LOUIS KTHICHAN O	6547912 6549977 6590995	7404	G RATHER HENRY G BERGQUIS H E HERREN	2895371 2858409 2892791	l 8 79 GRO	A L SAFTENBERG VER BALL STRIETZEL	9 6545952 9 6591591 2361949
					6549945 6547135	7413	TOM R EHLERMAN THOMAS GARDNER	#2852648 #2852648	1 2037 W E	LEPPERT RISN ANML CLNC	4 2355374
140	049	DELMAR G SCHWAB 0 6547 FRED C COSPER 9 6594 DAVID E KRUEGER #6546	67 1	TIOU E L SHANKLAND	6546227 6542090	7415	J A ABRAHAM 51 RESIDENCE	#2893317	*JAM 2105 JOE	ES B HARRISON E SIRIANNI	6548511 9 2367136
14	063*	MARK H BEASLEY 0 6595	33 1	7106 PHIL LANGLAND 5	6593631 6540873	OBER	LIN N	97203	2108*N08	TM PTS&TRLR SU HL ICE CRM CO	6597143
14	111	DONALD J ADAMSON 5 6540 DON HERNDON 9 6544 DEL BINDER 9 6541	73 1	7111 VERNAL V VANCE 7116 CLAUDE W SHUMATE	-6547406 6542488 -6543985		4700- 6799 T 40. JOHN C BROWN	2895920	x\₩ 1	-YORK DISTRS WAUKIE SNTRY S ROOTS&CO BUSE	5 6546516
• • •	209	JOHN B GILLEM 9 6544	11811	7223 JACK S BARBER 9 7284 DONALD E OLSON 7	6594787 6594870	4709	JOHN T NESTLEN M LABRENTZ	9 2898487 2894607	2425*CAS *ELL	CADE BLDG SYST IDTT SALES	M 6591232 6593248
14	304	NP NP	205 1	7301 MASON O LAMB 8 7305 JULIUS WELTER	6548683 6544555	4742	G W ROUSE OSCAR BRAATEN	2892690 9 2896425 9 2899589	14 R		BUSINESS
		9 6540	37 1	7307 7309 EDWIN C DAVIS 7311 VICTOR L COLT	6540229 6542501	4768	L S KILTZ JAMES M NELSON E N HELLEM	8 2893589 2891310	OELRICH	RD NW	HILSBRO
14	312 316	M C PARRISH 9 6542	45 1	7312 LUNA CREW 7320 LOLA GUYMON	6541953 #6597582	4835 4914	DOHN C NEELEY	4 2892931 2899857	23100-	-23699 T 324_	\$DC 6
		R L LIDDELL 0 6548	88 1	7326 D A HERSHBERGER 7400 TED F HEYDEL 7	-6548366 6541937	4936	M TEENY NMRS FRED STRATTO	7 2890775 IP	23400 MRS JOH	VELMA KLUSER N KRIECK JR DE LEACHMAN	6 6487219 6 6482265
144	400	EDANZ O	74 1	7411 HELMUT M MISKE 7414 PAUL KOCH 5	6547020 6590418 6540633	5005 5006 5020	HAROLD E BISHOP	2894465	23550 RIC	IAM H HOLSCHE	8 6486967 R
145	505			7503 CARL F MORETTI 9 7514 MRS GEORGE H BURR 7515 C T NEFF	6548666	5023 5028	MICHL A SAFRANSK G C GRITZMACHER	2894304	23620 H D	HARALA	9 6482942 6482044 116486746
145	521 600	MRS T HOKENSON 6543	284 1	7515 C T NEFF 7651 NP	-6548479	5037	E G RADLEY MARJORIE L CURRY RICHARD E CURRY	-2851071 -2851071	23650 AND	SIL LANDGRAF CSERGEI SIDENCE	9 6485105
146	608	DED COLLER 9 6592	188	#R L SCHNEPEL	0391501	5109	V E WHITE H V COLE	9 2895620 9 2890630			97222
147	704	A MCCLUND 9 6541	80 1	7817 HAROLD V LEADER 9	6593312 6592505	5202 5208	H M JOHNSON	P 2891613	MIL	AUKIE	
14	123	LESTER R HOPP 6544 W E CARSE 9 6591 ALBERT BUTTERFIELD	E 6	300 RESTOLICE	BUSINESS	5228	MICHAEL J WELSH MRS JERRY PERKO LEROY FLACK	#2898933 2855828 9 2857266	1-	GROVE END T 218 ERT R SUTTON	\$8H 9 8 6593087
		9 6542	40 0	ATFIELD RD SE	GLADSTN 97027	5266	L CHARD	2890974 IP	5485 W T	SIMMONS HERTEL	6547331 6 6544801
148	ลกั	CLIFF H MCCARTNEY 6544	41 .	200-19199 T 220 260*ROYAL A COCHRAN	\$CJ 9 6564271	5274	NEWTON L KINKADE	2897394	5511 ROY 5543 H A	L MCDONALD FITZKE	5 6549786 9 6591679
148	812	HARRY E WEST #6595	66	*COCHRANS SUNSET CH	6564271 6564271	5331	T ADAMS GEORGE M VETTER	2896001 -2855090 2899875	5571 WAR	L C BEGHTOL) THOMAS (L RICHARDSON	6547455 9 6595284 6597121
148	814	RALPH F GOLIK 6 6548	40	345 NP	6568696 6551070	5411	M FLORES MRS JOSEPH A BRO RICHARD H THOMPS	WN 2894924	8 RI	SIDENCE	
148	821	WALTER H SCHROEDER 6543	18	FRANK B LOSEY 7	6561373 6568542	5421	T ROOSA	0 2854262 2896532	OETKIN F		97222
140	915	COL L A BEARD 6543	22	760 BENJAMIN HANSON 0 840 MRS E M BOETTCHER7	6553887 6563697	5426 5427	L R MORAN D M SCHEEL	2897733 2894129	DAK	VAUKIE GROVE - END T 218	\$BH 9
149	927	EVELENA LECOCO 7 6549	25	900 K M DUGGER U	6562215 #6554910 6562233	5510	LAWRENCE W SCHEE B D MOORE W D ADKISSON	#2893313 0 2856255	5080 RAY	A CHASE AWRENCE KEMPER	7 6593824
150	011	TARAGHER 6545	50	I AVEEN KLINGSPORN9	6569746	5527 5608	G RUSCIGNO PAUL P SIMPSON	2892031 5 2891734	5316 JAC 5355 JOH	K E BELTER N J MULLAN	7 6543691 9 6595277
1.51	106	PANUSHKA 16545	81	1120 ROBERT PIERCE 7	6565445	5624	F D BRITTON EUGENE V SHARRAR D T MANN	2891558 2892022 0 2894437	K W	RAFTSHOL RAFTSHOL DOBAK	7 6540049 6540187 3 6595218
15	113	ELVIN PRATT	54	1170 JAMES D HEFFERNANT	6562169	5707 5726	JOHN A KORTAS	1P 9 2890100	5412 ROB 5500 L N	ERT NUESE SKOVBORG	4 6540491 6544981
152	204	A HOESCHEN & AGOS	22	1185 RICHARD OBERSON 7	6553248	5803 5806	MRS WILLIAM LIST	TON#2855036	5519 ROB 5601 LEW	T F SCHERZINGE IS G KAISER	R¤6595079 ¤6597730
			901	1250 DONALD G KNUDSON 9	6568435	5816	ERVIN M GREISEN	2858240	5611 ALT	ON C BILLINGS	6544849
		WHO THIS P	AGE MA	Y NOT BE KEY PUNCHED, ENTERED INTO	A COMPUTER.	UK PHOTO	CUPIED, IN ANY MANNER WHA	MISULVER EXCEPT	AS AUTHORIZED	IN WHILING BY THE PUB	LISHER.

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 Dis	strict #1 Dat	e of Observa	ation:	1/222016
School Name:	Administration Building	PBS	S Project Nu	mber:	
MATERIAL	LOCATION	QUANTITY	DAMAGE	D CHANGE	COMMENTS
Mechanical Isolation Cloth	Throughout facility		Yes 슚	Yes No	
Lay-in Ceiling Tile	Upper level		Yes No	Yes No	minor
Textured Ceiling Material	Various locations in building		Yes No	Yes No	
Vinyl Floor Tile	Various locations in facility	у	Yes No	Yes No	minor
Sheet Floor Covering	Restrooms, under water h	neater	Yes No	Yes No	
Gypsum Wallboard	Basement		Yes No	Yes No	minor
Wall and Ceiling Plast	ter Throughout facility		Yes No	Yes No	
Remark					

By: La Bayce Title: Industrial Myg: onist

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

North Clackamas School Distr Concord Elementary School					<u>7/22/2016</u>
LOCATION	QUANTI	TY	DAMAGE	D CHANGE	COMMENTS
Interstitial spaces throughout facility			Yes No	Yes No	
Boiler room			Yes No	Yes No	
Throughout facility			Yes No	Yes No	
Throughout facility			Yes No	Yes No	
er Throughout facility			Yes No	Yes No	
Throughout facility			Yes Ñ	Yes No	
Throughout facility			Yes No	Yes No	
Boiler Room			Yes No	Yes No	
. 7	0		Yes No	Yes No	
	LOCATION Interstitial spaces throughout facility Boiler room Throughout facility Company of the series of	LOCATION QUANTI Interstitial spaces throughout facility Boiler room Throughout facility Throughout facility Throughout facility Throughout facility Throughout facility Throughout facility Cer Throughout facility Throughout facility Throughout facility Cellings throughout the school	LOCATION QUANTITY Interstitial spaces throughout facility Boiler room Throughout facility Throughout facility Throughout facility Throughout facility Throughout facility Throughout facility Cer Throughout facility Throughout facility Throughout facility Cellings throughout the school	Concord Elementary School LOCATION Interstitial spaces throughout facility Boiler room Throughout facility Throughout facility	LOCATION QUANTITY DAMAGED CHANGE

By: Chi-Boyce
Title: Thousand Mygienist



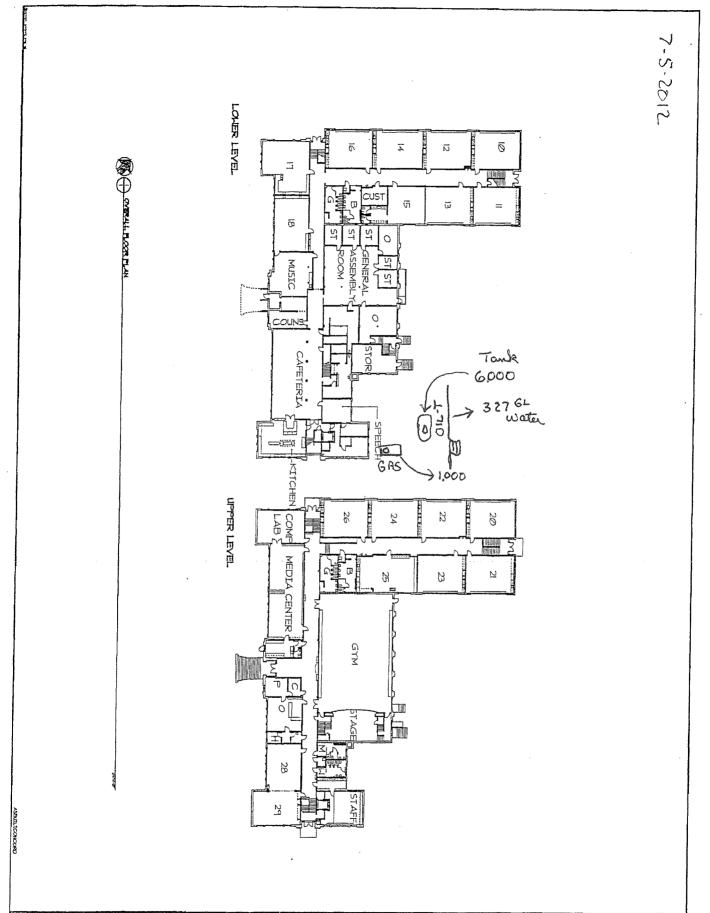
Existing Oil Tanks July 16, 2012

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.



NORTH CLACKAMAS SCHOOL DIST CONCORD ELEMENTARY SCHOOL 3511 SE CONCORD ROAD MILHAUKIE OREGON OVERALL DOOR PLANFALL SIZE SPEXT





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

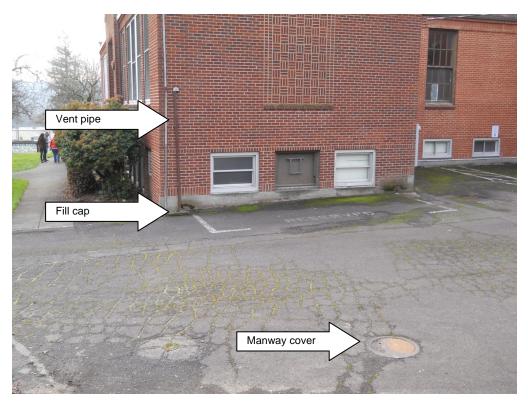


PHOTO 6: Vent pipe, fill cap and manway cover located at the southeast corner of the school



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

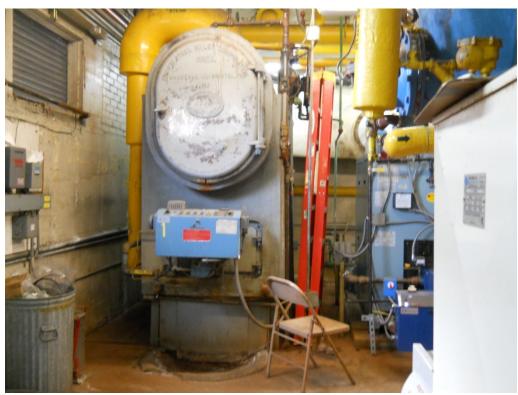


PHOTO 21: Old boiler system located next to the current natural gas furnace system



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.: 22627.00)								
Completed By: Dana Domenighiai	Date: 1/24/17							
Site Name/Address: 3811 SE Concord P	d, Milwaukie							
Site Contact: Kathryn Krygier								
Site Description (e.g., single-family residential, multi-tenant commercial):	acant school bl	dq	*****					
Tenant(s)/Occupant(s) vacant School 6			<u>lds</u>					
and playground			55.00					
	Areas not accessed (state reasons) bhy 4-5 classrooms viewed							
Weather at the time of site visit (e.g., overcast, heavy rain, snow)	à .							
Topography/Slope gentle to w/sw								
SITE DEVELOPMENT		T						
Building Descriptions (e.g., wood-frame residence, concrete tilt-up commer		#Ctorios	Pacamant?					
NOTE: For multi-building sites, include individual addresses or build	aing numbers	#Stories	Basement?					
☐ No buildings on the subject property								
School		2	Yes					
Exterior Features (e.g., paving, gravel, landscaping) Pauing 5	lands caping /att	Hetic -	fields					
UTILITIES	****							
Heating (e.g., natural gas, oil, electricity)	Natural gas f		Siles					
Water (well or municipal) (if a water well is present, indicate location)	1	WCCI &	OTIET					
Sewer (municipal) or Septic (if a septic tank is present, note location)	Municipal		· .					
Stormwater (note features such as detention ponds, catch basins, swales; note	Municipal Municipal; catch b no or							
whether unusual odors or staining are present)	Municipal; caten 6	asins	present					
	no a	201/34	-2(17)2					
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 of fill port	t on S	E Corner					
Drums (note locations, condition, contents, labeling, secondary containment,								
evidence of spills)	More							
Automobile repair/maintenance activities (note in-ground hoists,								
parts washers, stored batteries, stored engine blocks & other oily parts, lube pits,	None							

Stored chemicals, hazardous materials (e.g., 5-gallon buckets, pre-			cleaning supplies, latex paint,				
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 stail				
Oil-Water Separator (note location, cleaning schedule, if	known)		None				
Solid waste (e.g., dumping, litter, refuse not in a dumpster of	r other						
appropriate receptacle)			None				
Pits, lagoons, other surface impoundments (arti	ficial featu	ures;	None				
note unusual staining, odors)		ugovori uniterativo pr	1337				
Other Features/Conditions	Yes	No	(if yes to these items, include more information under "Notes," below)	Yes	No		
Dip tanks		V.	Wetlands, ponds, lakes (natural features)		V		
Landfills			Railroad spurs				
Concrete patching (e.g., old hoists, tanks)			Stressed vegetation (not due to dryness)				
Discolored/stained soils		- Na	Remnant foundations	-			
Disturbed soil (mounding, soil piles, scraped areas)			Buried utilities				
Boreholes or Test Pits		Sample Charles	Trails, dead end roads		The state of the s		
Monitoring wells		22000	Unusual odors				
Dry wells		TO MAN POR CONTRACTOR OF THE PARTY OF THE PA	Transient camps				
Fill material		and a supplemental and	Rivers, streams, creeks		O. Carlotte Control of		
Depressions		Ÿ	Wildlife, livestock		V		
Transformers (on-site only)	/		(Note location, whether pad/pole mounted, labels, condition leakage Good Condition	on, evidenc	e of		
Is the property abandoned?			(if abandoned, interview neighbors)				
Other Conditions of Concern		·····					
Notes:	J						

ADJACENT PROPERTIES

North:	Residences	
South:_	SE Concovel	Rd residences rest/pizzaparlor/salon(sa)(sw)
East:	Residences	
West:	Walman; Do	Mar Tree; Ace Hardware; Office Max; Goodwill
Conditio	ons of Concern on Adjacen	t Properties (e.g., USTs, ASTs, automobile repairs, industrial uses)
	None	

PBS	Field	Checklist
Page	2.3	

Visual Surveys Ly Not in Scope of Work	Observations	Samples?
Asbestos		
Lead-based paint		
Mold		
Other		

		Nori

APPENDIX F

QUESTIONNAIRES

Property Owner Questionnaire User (Client) Questionnaire



PROPERTY OWNER/REPRESENTATIVE 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).

(6.0	product reference question number).								
PR	PROPERTY ADDRESS: 3811 SE Concord Road, Milwaukie, Oregon								
1.	Property Ownership: Are you the legal owner of the subject property ("property")? Yes Approximate Years Owned 130 yrs Previous Owner's Name Marion Phillips								
	☐ No	Legal Owner	Owner Contact Phone						
2.	If you are	n't the legal owner, what is your relations	ship to the property?						
3.	What is th	ne current use of the property?							
	Curre	ently it is a vacant school building.	-, , 1	9E 9					
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.								
		PAST or PRESENT USE	YOUR PROPERTY	ADJOINING PROPERTIES					
		anks (aboveground or underground) for neluding heating oil, fuel, chemicals, etc.	▼ Yes □ No	☐ Yes ☐ No					
		station, automotive repair, other repair, other	☐ Yes ☑ No	☐ Yes ☐ No					
	Industrial	use	☐ Yes Mo	☐ Yes ☐ No					
	Commercial	cial printing, dry cleaners, photo developing	☐ Yes ☑ No	☐ Yes ☐ No					

PAST or PRESENT USE	YOUR PROPERTY	ADJOINING PROPERTIES
Junkyard, landfill, or waste treatment, storage, disposal, processing, or recycling facility?	☐ Yes Mo	☐ Yes ☐ No
Burial, burning, or aboveground dumping of: • Petroleum/hazardous substances • Drums or other waste containers • Tires • Automotive/industrial batteries • Municipal waste • Other waste materials	☐ Yes ☑ No	☐ Yes ☐ No
Storage of: Damaged/discarded automotive or industrial batteries Industrial drums/sacks of pesticides, paints, or other hazardous chemicals	☐ Yes M No	☐ Yes ☐ No
On-site septic system (septic tank or cesspool)?	☐ Yes ☑ No	☐ Yes ☐ No
Waste treatment or disposal using pits, ponds, lagoons, or depressions? (Would include wastewater discharge onto property)	☐ Yes Mo	☐ Yes ☐ No
PCB-containing equipment (such as electrical transformers, capacitors, or any other oil-filled equipment)?	☐ Yes Mo	☐ Yes ☐ No
Or, other uses of PCB-containing oil	/	l la
Petroleum products or hazardous substances: Have they ever been used on the property?	☐ Yes Mo	
If yes, please clarify.		$ (x_0)t^{\frac{1}{2}}(x_0)t^{\frac{1}{2}}(x_0)t^{\frac{1}{2}}(x_0) $
Drywells?	☐ Yes ☑ No	
If yes, what type? Were they for roof drains or other stormwater?	_	
Sumps?	☐ Yes Mo	
Water wells?	☐ Yes ☑ No	
If yes, is it a private or community well? Have contaminants been identified in it?		
Do you know of any other environmental concerns	related to neighboring p	roperties?

^	11		DI 1 16			
n	HAVE VALLEVER ANSERVER	T THE TOUCHNING!	Placea clarity	/ IT 1	VALL SHOWAR V	00
v.	Have you ever observed	a the following:	i lease claill	/ 11	you allowel y	E5.

	YOUR PROPERTY	ADJOINING PROPERTIES
Vent pipes, fill pipes, or access ways protruding from the ground on the property or adjacent to structures	☐ Yes ☑ No	☐ Yes ☐ No
Stained soils (other than typical automotive engine oil drips)	☐ Yes Mo	☐ Yes ☐ No
Flooring, floor drains, catch basins, or walls that are stained by substances other than water or emitting foul odors?	☐ Yes ☑ No	☐ Yes ☐ No
Fill dirt brought onto the property that originated from a known contaminated site or from an unknown location/origin	☐ Yes ☑ No	☐ Yes ☐ 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 hav ≰knowledge of any on the property? ☐ Yes ☐ No
3	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	☐ Yes ☑ 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?	☐ Yes ☑ No
Have there been environmental assessments previously conducted for the property?	Yes □ No
	If yes, have they indicated the presence of hazardous substances or petrol rum products or subsurface contamination? Yes No
	If yes, was further environmental assessment of the property performed and/or recommended? ☐ Yes ☑ 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?	☐ Yes ☑ 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
hΑ	ditional information, if needed:
	any questions that were answered "Yes" in this questionnaire, or otherwise require additional explanation,
ple	ase provide question number(s) and details here:
No.	7. Have there been environmental assessments:
-	Yes - I know we assess for asbestos and Lead paint. We do have both on site.
	res - I know we assess for aspestos and Lead paint. We do have both on site.
3	
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Th	e undersigned represents that the information given in this questionnaire are accurate and complete to the
	st of his or her knowledge.
	Melinda Shumaker North Clackamas School District
iva	me (Please Print) Company (Representing)
V	February 3, 2017
Sic	nature Date





CLIENT/USER QUESTIONNAIRE

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."

		3811 SE CONCORD MILWAUKIE, OREG			
PR	OPERTY ADDRESS:	WILLY ACKIE, OKEO	1, .		
FO	RM COMPLETED BY:	# Kathryn	Krygie	V	
RE	LATIONSHIP TO PROPERTY:	: # poten fic	al buyer		
QU	ESTIONNAIRE	1	<u>k</u>		
Ple	ase complete this information t	to the best of your know	vledge.		
1.	Are you aware of any environr state, or local law?	mental cleanup liens ag Yes No		at are filed under federal, tribal, below if yes)	
2.	Are you aware of any Activity restrictions or institutional conunder federal, tribal, state, or I	trols that are in place a	t the site and/or have	engineering controls, land use been filed or recorded in a regis (summarize below if yes)	try
	***	conditional	use for designation Dional Presis	3 one ocal	 .u :
3.	related to the property or near	rby properties? For examuse rby properties? For example to the property or an	mple, are you involve adjoining property so	cialized knowledge or experience ed in the same line of business as o that you would have specialized?	3
	Yes 🗆 No	difference from fair ma		e fair market value of the property	

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?
	Do you know of specific chemicals that are present or once were present at the property?
	Do you know of any spills or other chemical releases that have taken place at the property?
	Do you know of any environmental cleanups that have taken place at the property?
	Any other environmentally significant information? Radon test (attached) dated 9/29/2016 Periodic surveillance from (attached) dated 7/22/2016 Lead Waler 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?
	Signature: Please Print Name: Company (if applicable): Date: January 19, 2017 Title: North Clackamas Park & Rec. Unterium Parks Planner