

FINAL

**ENVIRONMENTAL CONDITION OF
PROPERTY REPORT**

**2LT ALFRED SHARFF
U.S. ARMY RESERVE CENTER OR009
8801 NORTH CHAUTAUQUA BOULEVARD
PORTLAND, OREGON 97217**

Prepared For:

**U.S. Army Corps of Engineers – Louisville District
Engineering Division – Environmental Engineering Branch
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MARCH 2007

CERTIFICATION

All information/documentation provided accurately reflects the environmental condition of the property. This ECP Report is in general accordance with the U.S. Department of Defense (DOD) requirements for completion of an Environmental Condition of Property (ECP) Report.

STEPHEN A. RIVERA
Environmental Division ARIM
Chief Environmental Division
70th Regional Readiness Command

DATE

The undersigned certifies the contents of this report are in general accordance with DoD policies for the completion of an ECP.



LENARD GUNNELL, P.G.
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EXECUTIVE SUMMARY

Lawhon & Associates, Inc. (Lawhon), in conjunction with Fuller, Mossbarger, Scott and May Engineers, Inc. (FMSM), under contract to the U.S. Army Corps of Engineers (USACE), Louisville District, has prepared this Environmental Condition of Property (ECP) Report for the 2LT Alfred Sharff U.S. Army Reserve Center (Facility ID OR009), hereafter referred to as the "Site" or "USAR Center." The Site is located at 8801 North Chautauqua Boulevard, Portland, Oregon, and encompasses approximately 5 acres.

This ECP Report was prepared in conformance with primary Department of Defense and Army guidance, the Department of Defense's Base Redevelopment and Realignment Manual, DoD 4165.77-M (BRRM), Army regulations and the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys*, as secondary guidance when it was not inconsistent with the primary guidance.

This ECP Report details the history of the property, including the U.S. Army Reserve and any prior tenant uses of the Site and the resulting environmental condition of the property.

The USAR Center facility is situated on approximately 5 acres of land, located in a predominantly residential area, in the northeastern portion of the City of Portland, Oregon. The Site consists of two permanent buildings: a 23,269 square-foot administrative building and a 3,670 square-foot outlying organizational maintenance shop (OMS) building. The 671st Engineering Company, the 379th Postal Company, and the 126th Chaplin Detachment currently occupy the USAR Center.

Based on a review of aerial photographs dating back to 1955 and U.S. Geological Survey (USGS) topographic maps dating back to 1954, the Site has served as a USAR Center since 1960. The administration and OMS buildings were constructed in 1960. The U.S. Government owns the land and buildings.

Areas of potential environmental concern were reviewed and Lawhon identified petroleum impacts relating to the USAR use of this property. Petroleum contamination from former heating oil underground storage tanks (USTs) was remediated and the Oregon Department of Environmental Quality (DEQ) issued a No Further Action (NFA) letter in 2001. Tests after cleanup indicated that diesel levels were well below the most stringent cleanup level.

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Property has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

TABLE OF CONTENTS

SECTION & TITLE	PAGE NO.
Executive Summary	iii
Table of Contents	iv
List of Appendices	vii
LIST OF ACRONYMS	ix
1.0 Introduction.....	1
1.1 Purpose of Environmental Condition of Property (ECP).....	1
1.2 Scope of Services	2
2.0 Site Location And Physical Description	4
2.1 Site Location	4
2.2 Asset Information	4
2.3 Physical Description.....	5
2.4 Site Hydrology and Geology.....	7
2.4.1 Surface Water Characteristics	7
2.4.2 Geology/Hydrogeological Characteristics	7
2.5 Site Utilities	8
2.6 Water Supply Wells & Septic Systems.....	8
3.0 Site History	9
3.1 History of Ownership.....	9
3.2 Past Uses and Operations	9
3.3 Past Use, Storage, Disposal, and Release of Hazardous Substances	11
3.3.1 Past Use and Storage of Hazardous Substances.....	11
3.3.2 Past Disposal and Release of Hazardous Substances.....	11
3.4 Past Presence of Bulk Petroleum Storage Tanks	12
3.5 Review of Previous Environmental Reports	12
3.5.1 1989 United States Army Toxic and Hazardous Materials Agency Property Report Database Printout.....	12
3.5.2 2000 Decommissioning of USTs and December 2001 Oregon Department of Environmental Quality Review of UST Decommissioning and Cleanup (No Further Action Required).....	13
3.5.3 2004 Draft Survey of Drains, Pollution Control Equipment, and Discharge Points.....	13
3.5.4 1998 Centennial Contractors Daily Construction Quality Control Report, Wash Rack Removal	14
3.5.5 May 1993 Oil/Water Separators and Storm Drainage System Improvements	14
3.5.6 Asbestos Survey Status Table for the 70 th RRC Facilities	14
3.5.7 1994 Field Report for Lead Abatement at the Portland South Range.....	14
3.5.8 1995 Sharff Hall Spill Prevention Control and Countermeasure Plan	15
3.5.9 2006 Sharff Hall Spill Prevention Control and Countermeasure Plan	15
3.5.10 1996 Facility Environmental Inspection Memo, and 1997 Environmental Compliance Assessment Report.....	16

3.5.11	2001 Oregon Department of Environmental Services Compliance Evaluation Inspection.....	16
3.5.12	2002 Internal Spill Response Incident Report Form	16
3.5.13	1991 Radon Results Printout	16
3.5.14	2003 Record of Environmental Consideration	17
3.5.15	January 2003, Integrated Cultural Resources Management Plan (ICRMP) Historic Properties Component	17
4.0	ADJACENT PROPERTIES.....	18
5.0	REVIEW OF REGULATORY INFORMATION.....	20
5.1	Federal Environmental Records.....	20
5.1.1	Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS-NFRAP)	21
5.1.2	Resource Conservation and Recovery Action Information-Small Quantity Generator (RCRA-SQG)	22
5.1.3	US Brownfields	23
5.1.4	Facility Index System/Facility Registry System (FINDS) Site.....	23
5.2	State and Local Environmental Records	23
5.2.1	Environmental Cleanup Site Information System (ECSI)	24
5.2.2	Oregon Confirmed Release List and Inventory (OR CRL)	25
5.2.3	Solid Waste Facilities/Landfill (SWF/LF)	26
5.2.4	LUST - Leaking Underground Storage Tank List	26
5.2.5	Oregon Areas of Concern (AOC COL).....	27
5.2.6	Registered Underground Storage Tank Database	28
5.2.7	Oregon Manifest	28
5.2.8	Oregon Voluntary Cleanup Sites (OR VCS)	28
5.3	Tribal Environmental Records	28
5.4	EDR Proprietary Records.....	29
5.5	Environmental Regulatory Agency Inquiries.....	29
5.6	Unmapped Sites.....	30
5.7	Summary of Properties Evaluated to Determine Risk to the Site	30
6.0	Site Investigation and Review of Hazards	35
6.1	Aboveground Storage Tanks.....	35
6.2	Asbestos Containing Material.....	35
6.3	Indoor Firing Range	35
6.4	Inventory of Chemicals / Hazardous Substances.....	36
6.5	Lead-Based Paint (LBP).....	36
6.6	Munitions and Explosives of Concern (MEC)	36
6.7	Nearby Properties	36
6.8	Oil/Water Separator	36
6.9	PCB Equipment.....	37
6.10	PCB Transformers	37
6.11	Pits, Sumps, Drywells, and Catch Basins.....	37
6.12	Radioactive Materials	37
6.13	Radon	37

6.14	Underground Storage Tanks	38
6.15	Waste Disposal Sites and Activities	38
7.0	Review of special resources	39
7.1	Land Use.....	39
7.2	Coastal Zone Management.....	39
7.3	Wetlands	39
7.4	100-Year Flood Plain	39
7.5	Natural Resources	39
7.6	Cultural Resources.....	39
8.0	Conclusions.....	40
9.0	Limitations	44
10.0	References	46
10.1	Persons Contacted.....	46
10.2	Resources Consulted.....	46
10.3	Agencies Contacted	49

LIST OF APPENDICES

APPENDIX A: FIGURES

- Figure 1 General Site Location Map
- Figure 2 Site Layout Plan
- Figure 3 Interior Layout of Administration Building First Floor
- Figure 4 Interior Layout of Administration Building Second Floor
- Figure 5 Interior Layout of OMS Building
- Figure 6 1977 USGS 7.5-Minute Topographic Map, Portland, Oregon
- Figure 7 EDR Area Overview Map with Flood Zones, and National Wetland Inventory Information
- Figure 8 1954 USGS 30-Minute Topographic Map, Portland, Oregon
- Figure 9 1961 USGS 7.5-Minute Topographic Map, Portland, Oregon
- Figure 10 1970 USGS 7.5-Minute Topographic Map, Portland, Oregon
- Figure 11 1955 Aerial Photograph
- Figure 12 1970 Aerial Photograph
- Figure 13 1984 Aerial Photograph
- Figure 14 1994 Aerial Photograph
- Figure 15 2000 Aerial Photograph
- Figure 16 2005 Aerial Photograph
- Figure 17 1924 Sanborn Map
- Figure 18 1950 Sanborn Map
- Figure 19 1969 Sanborn Map

APPENDIX B: SITE RECONNAISSANCE PHOTOGRAPHS

APPENDIX C: HISTORIC PROPERTY SEARCH, CHAIN OF TITLE REPORT, AND ENVIRONMENTAL LIEN REPORT

APPENDIX D: PREVIOUS ENVIRONMENTAL SITE ASSESSMENT REPORTS

APPENDIX E: REGULATORY DATABASE SEARCH REPORTS

LIST OF ACRONYMS

ACM	Asbestos Containing Material
AR	Army Regulation
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulations
CONEX	Container Express Structure
DEQ	Oregon Department of Environmental Quality
DOD	Department of Defense
DRMO	Defense Reutilization Marketing Office
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
FEMA	Federal Emergency Management Agency
FMSM	Fuller, Mossbarger, Scott and May Engineers, Inc.
HSWA	Hazardous and Solid Waste Amendments
ICRMP	Integrated Cultural Resources Management Plan
kg	Kilogram
Lawhon	Lawhon & Associates, Inc.
LBP	Lead Based Paint

LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank
MEC	Munitions and Explosives of Concern
MEP	Military Equipment Parking
NFA	No Further Action
OMS	Organizational Maintenance Shop
OWS	Oil/Water Separator
PCBs	Polychlorinated Biphenyls
pCi/l	PicoCuries per Liter of Air
POV	Privately-Owned Vehicle
RCRA	Resource Conservation and Recovery Act
RQ	Reportable Quantity
RRC	Regional Readiness Command
Site	U.S. Army Reserve Center OR009
SOW	Scope of Work
SPCCP	Spill Prevention, Control and Countermeasure Plan
SQG	Small Quantity Generator
USACE	United States Army Corps of Engineers
USAR	United States Army Reserve
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank

1.0 INTRODUCTION

Lawhon & Associates, Inc., Columbus, Ohio was authorized to prepare an Environmental Condition of Property report for the 2LT Alfred Sharff U.S. Army Reserve Center (OR009). The facility is located at 8801 North Chautauqua Boulevard, Portland, Oregon 97217, hereafter referred to as the "Site" or "USAR Center". In support of the ECP Report, a visual reconnaissance of the Site was conducted on September 7, 2006. The purpose of the visit was to visually obtain information indicating the environmental condition of property at the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY (ECP)

The Military Department with real property accountability shall assess, determine and document the environmental condition of all transferable property in an ECP Report. This ECP Report is based on readily available information. Pursuant to the Department of Defense's policy, set forth in the Base Redevelopment and Realignment Manual (DoD 4165.66-M, March 1, 2006) Section C8.3 (BRRM), the primary purposes of the ECP Report include the following:

- Provide the Army with information it may use to make disposal decisions;
- Provide the public with information relative to the environmental condition of the property;
- Assist in community planning for the reuse of Base Realignment and Closure (BRAC) property;
- Assist Federal agencies during the property screening process;
- Provide information for prospective buyers;
- Assist prospective new owners in meeting the requirements under EPA's "All Appropriate Inquiry" regulations;
- Provide information about completed remedial and corrective actions at the property;
- Assist in determining appropriate responsibilities, asset valuation, and liabilities with other parties to a transaction.

The ECP Report contains the information required to comply with the provisions of 40 Code of Federal Regulations (CFR) Part 373, which require that a notice accompany contracts for the sale of, and deeds entered into, for the transfer of federal property on which any hazardous substance was stored, released or disposed of. The

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(h) stipulates that a notice is required if certain quantities of designated hazardous substances have been stored on the property for one year or more – specifically, quantities exceeding 1,000 kilograms or the reportable quantity, whichever is greater, of the substances specified in 40 CFR 302.4 or one kilogram of acutely hazardous waste as defined in 40 CFR 261.30. A notice is also required if hazardous substances have been disposed of or released on the property in an amount greater than or equal to the reportable quantity. Army Regulation (AR) 200-1 requires that the ECP Report address asbestos, lead-based paint, radon and other substances potentially hazardous to human health.

This ECP Report used the American Society for Testing and materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys* as a guideline when not inconsistent with the BRRM, CERCLA § 120, Army regulations and other applicable Army guidance.

1.2 SCOPE OF SERVICES

This ECP report covers the approximately 5-acre 2LT Alfred Sharff USAR Center located at 8801 North Chautauqua Boulevard, Portland, Oregon 97217. The property is located in the northeast part of the City of Portland, Oregon approximately 0.5 mile southwest of the Columbia Slough drainage, 1.5 miles northeast of the Willamette River and 2 miles southwest of the Columbia River. The Site is bordered by North Chautauqua Boulevard on the southeast, residential homes on the north, a community center and park on the west, and the Mt. Olivet Baptist Church and administration facility on the southwest.

Site maps and aerial photographs are provided in Appendix A. Appendix B provides photographs taken during the September 2006 Site visit. Appendix C provides an historic property search report, a chain of title report, and an environmental lien report. Historical environmental documents and reports are provided in Appendix D, while Appendix E contains the Environmental Data Resources, Inc. (EDR) reports.

This ECP report classifies the property into one of seven DoD Environmental ECP categories as defined by the Deputy Under Secretary of Defense S. Goodman Memorandum, “Clarification of ‘Uncontaminated’ Environmental Condition of Property at BRAC Installations” (21 October 1996). The property classification categories are as follows:

- Category 1 – Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).

- Category 2 – Areas where only the release or disposal of petroleum products has occurred.
- Category 3 – Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.
- Category 4 – Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.
- Category 5 – Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken.
- Category 6 – Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented.
- Category 7 – Areas that are not evaluated or require additional evaluation.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

2.1 SITE LOCATION

The USAR Center is located in the west-central portion of Multnomah County, Oregon, within the city limits of Portland, Oregon. The Site is located in a primarily residential area, which includes homes, a park and a church in the immediate vicinity. Figure 1 in Appendix A provides a general site location map.

2.2 ASSET INFORMATION

Facility Name and Address: 2LT Alfred Sharff U.S. Army Reserve Center OR009
8801 N. Chautauqua Boulevard
Portland, Oregon 97217

Property Owner: United States Government

Date of Ownership: March 11, 1958

Current Occupants: 671st Engineering Company, the 379th Postal
Company, and the 126th Chaplin Detachment

Zoning: Residential

County, State: Multnomah County, Oregon

USGS Quadrangle(s): Portland, Oregon

Section/Township/Range: Section 8, Township 1 North, Range 1 East

Latitude/Longitude: 45° 35' 9.6" N; 122° 42' 24.8" W

Legal Description: Being that parcel or tract of land, consisting of 4.93 acres, more or less, known as Tract A-100, situated and lying in the Northeast $\frac{1}{4}$ of Section 8, Township 1 North, Range 1 East of the Willamette Meridian in the City of Portland, Multnomah County, State of Oregon, Parcel No. 01N01E08AD and Property ID R314794.

2.3 PHYSICAL DESCRIPTION

The USAR Center is situated on approximately 5 acres of land with two permanent structures: a 23,269 square-foot main administration building and a 3,670 square-foot OMS building. Construction of the administration and OMS buildings occurred in 1960. In 2000, renovations were performed in the administration building. In 2005, renovations of the OMS building included an addition to enlarge the structure to its current size and configuration.

The administration building and the OMS building consists of concrete block walls covered with a brick veneer. Both buildings rest upon concrete foundations. The OMS is surrounded on three sides by an asphalt military equipment parking (MEP) areas. Two privately owned vehicle (POV) parking areas are also present at the Site. Photographs 1, and 2 in Appendix B provide views of the POV area. Photographs 3, 4, and 5 in Appendix B provide views of the asphalt MEP area. Chain-link security fencing topped with barbed wire encloses the Site (except the POV area, which is unsecured), including an equipment entrance in the northeast corner of the Site (Photograph 6 in Appendix B). Approximately 90% of the Site is covered by impervious surface features (e.g., asphalt parking areas, driveways, concrete walkways, building footprints, etc.). According to site personnel, the entire MEP area was repaved in 2004. The remaining ground surface is covered by lawn with landscape shrubs and trees (Photograph 7 in Appendix B). Topographically, the Site is relatively flat. Figure 2 in Appendix A provides a current plan view layout of the Site. Appendix B provides photographs taken during the September 2006 site visit.

The USAR Center administration building is a rectangular two-story structure that houses an administration section, connected to a two-story drill hall section by a one story hallway which also houses the kitchen area and offices (Figures 3 and 4 in Appendix A). Photographs 8 and 9 in Appendix B provide front views (southeast side) of the exterior of the building. Photograph 10 in Appendix B provides a view of the southwest corner exterior of the building, and Photograph 11 provides a northeast side view of the exterior of the building. Photograph 12 in Appendix B provides a view of the northwest exterior of the building. Photograph 13 in Appendix B shows the exterior of the drill hall. The interior of the administration building consists of office space, classrooms, kitchen area, storage, and a drill hall. A locked weapons vault is located within the administration building. Site personnel stated that no ammunition is stored or located at the Site. Photographs 14 and 15 in Appendix B provide interior views of the front entry and hall in the administration building. Photograph 16 in Appendix B shows a typical classroom area, while Photograph 17 in Appendix B shows a typical office area. Photograph 18 in Appendix B shows the former indoor firing range area that now acts as a weight and physical fitness training and classroom area. Photographs 19 - 21 in Appendix B show the drill hall and storage cages with company equipment which are located around the outside of the drill hall and in a mezzanine area. Photograph 22 in

Appendix B shows a portion of the kitchen area. Photograph 23 in Appendix B shows the boiler in the mechanical room, while Photograph 24 in Appendix B shows a sump and pump in the south corner of the mechanical room. Photograph 25 in Appendix B shows air conditioner units outside the mechanical room door.

Six interior floor drains are located within the mechanical room and the kitchen area. A grease trap is located in the kitchen under a sink. All interior drains are reported to connect to the city sanitary sewer system.

The original OMS building was a one-story, rectangular structure, with three bays. In 2005 a one-and-a-half story drive through was added at the rear of the original building. At the same time, one of the original bays was remodeled into an entrance and office area. Overhead metal retractable doors are present at opposite ends of the new part of the building which are tall enough to accommodate larger vehicles, and on the two remaining original bays. Photographs 26 - 28 in Appendix B show exterior views of the OMS building.

A 360-gallon double-walled, used oil above ground storage tank (AST) is located within the OMS in the northeast corner. An oil filter crusher is situated adjacent to the AST and is connected so that used oil from the filters goes directly into the AST. On the opposite side of the AST is a Safety Kleen solvent wash station. On the opposite wall in the OMS are an electric air compressor and a 55-gallon drum of grease, which is distributed via the air compressor. The air compressor is relatively new and was installed as part of the oil and lubricant distribution system when the OMS was expanded in 2005. In the rear of the OMS is a drum room that contained three 55-gallon drums of different weight oils, which are distributed via a hose system run by the compressor. The interior of the OMS is large enough to accommodate four bay work stations, two in the older part and two in the new part of the building. Photographs 29 – 34 in Appendix B show interior views of the OMS. Figure 5 in Appendix A provides a layout of the interior of the OMS building.

Two portable hazmat storage sheds (Photograph 35 in Appendix B) are located north of the OMS building along with six non-permanent metal Container Express (CONEX) structures (Photograph 36 in Appendix B). During the site visit, personnel stated that the CONEX structures contained engineering support equipment which is used off-site. One of the hazmat sheds contained approximately 16 empty 5-gallon fuel cans, a portable generator and a fire proof cabinet with aerosol cans and various less than 5-gallon containers of a variety of routinely used materials (Photographs 37 and 38 in Appendix B). The other hazmat shed contained empty 5- and 55-gallon drums, oxygen and acetylene gas tanks, and numerous discharged fire extinguishers (Photograph 39 in Appendix B).

Ten exterior surface storm drains are distributed around the site, as are five dry wells, all built to handle storm water runoff. It is reported that nine of the exterior drains

ultimately go to an oil/water separator (OWS), which is located on the northeast portion of the Site adjacent to Chautauqua Boulevard (Photograph 40 in Appendix B). The OWS reportedly joins the city sanitary sewer. One of the exterior drains discharges to a drywell. All five drywells have gravel bottoms and slotted sides for infiltration (See Section 3.5.3 and accompanying report in Appendix D).

At the time of the September 2006 Site visit, a variety of military trucks, trailers and equipment were located in the MEP. Much of the equipment was for temporary bridge building, and included a number of boats on trailers. Two mobile fuel trucks were present and, according to site personnel, were empty at the time of the Site visit.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

Figure 6 in Appendix A provides a portion of the 1977 Portland, Oregon, USGS topographic map which includes the Site. As shown, the Site is situated at an elevation of approximately 98 feet above mean sea level and slopes gently northeast towards the Columbia Slough and the Columbia River. Surface water runoff at the Site is directed towards storm drains and drywells situated in paved and unpaved portions of the Site and to storm water drains in adjoining roadways. Additional information concerning the drains at the Site is discussed in Section 3.5.3.

No surface water features are located in the immediate vicinity of the Site. The Columbia Slough drainage is the closest surface water feature to the site and is located approximately 0.5 mile northeast of the Site. In addition, the Willamette River is located approximately 1.5 miles southwest of the Site, and the main part of the Columbia River lies approximately 2 miles northeast of the Site. The Columbia Slough and the Willamette River meet the Columbia River northwest of the Site, which ultimately discharges to the Pacific Ocean.

According to the EDR Report which references the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, Community Panel 4101830020D, the Site is not included in either the 100-year flood plain elevation or the 500-year flood plain elevation. Figure 7 in Appendix A provides a map depicting the extent of the nearest 100-year flood plain in relation to the Site.

2.4.2 Geology/Hydrogeological Characteristics

Geology information was obtained from the Oregon Department of Geology and Mineral Industries (personal communication, Niewendorp, 2007). The Portland Oregon area lies within the Willamette Valley or basin physiographic province between the Western Cascades and Oregon Coastal Range (Orr, 1999). According to information in the EDR Report acquired from the Soil Conservation Service's (Natural Resource Conservation

Service) State Soil Geographic Database for Multnomah County, Oregon, the specific type of soil at the Site is categorized as Urban Land. According to information provided in the EDR Geocheck Report, this soil does not meet the requirements for a hydric soil. Urban Land soils are variable and highly disturbed by development. Much of the area is paved and soils are not exposed. Past urban development also has produced numerous areas of cut and fill, which also adds to the variable nature of the soils.

According to information in Appendix E, EDR Report, groundwater depth in the nearest wells is in excess of 70 feet. Groundwater flow direction from the Site is most likely towards the northeast and the Columbia Sough, which drains into the Columbia River.

2.5 SITE UTILITIES

Water Service – The City of Portland provides potable water service to the Site.

Sanitary Sewer System – The City of Portland provides sanitary sewer service to the Site. The primary source of wastewater that is directed to the city sewer system includes non-process wastewater (bathrooms, sinks, etc.) and stormwater.

Gas & Electric – Portland General Electric provides electric service to the Site, while gas service is provided by Northwest Natural Gas Company.

2.6 WATER SUPPLY WELLS & SEPTIC SYSTEMS

Based upon a review of available historical site and agency records and interviews with site personnel, neither a water supply well nor a septic system is or was located at the Site.

A search of federal and state water well databases identified eighteen wells located within a 1 mile radius of the Site. None of the wells are directly adjacent to the Site, and only one of the wells is within ½ mile of the Site. That well appears to be located down gradient or cross gradient to the site. It is listed as a groundwater well within an unconfined aquifer in Quaternary alluvium. The most recent groundwater level in this well reported in 1995 is in excess of 73 feet. The majority of the other wells are located along an industrial area adjacent to the Columbia Slough. The purpose of these wells is not specified, other than “groundwater other than spring” and, “single well, other than collector or Ranney type”. This area is industrial, and most likely the wells are associated with industrial development in this area. No information regarding contamination of the wells is presented in the state and federal databases presented in the EDR report in Appendix E. Groundwater flow direction from the Site is most likely towards the northeast and the Columbia Sough, which runs parallel with the Columbia River.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Land titles for the Site were reviewed back to 1952. Appendix C contains Chain of Title and Environmental Lien reports completed for the Site. The Environmental Lien report did not identify any environmental liens against the USAR Center property. According to the Chain of Title report, a Quit Claim Deed granted the property from the United States of America through the Public Housing Administration to the Housing Authority of Portland. Then in 1958, a Deed shows the property returning to the United States of America from the Housing Authority of Portland.

Available business directories including City, cross-reference, and telephone directories were reviewed, if available, at approximately five-year intervals for the years spanning 1964 through 2005. According to a City Directory provided by EDR and dated July 18, 2006, the address of the USAR Center was first listed in the research source (Polk's City Directory) in 1964 as US Department of Defense (US Army Reserve Center). The listing continues until 1986 when it changes to Sharff Hall Training Center and then in 1996 as just US Army Reserve. The only other property of note is at 8725 Chautauqua Boulevard which is first listed in 1964 as a bowling lane, then in 1969 as the Portland Sports Arena, then along with a flea market in 1979 and finally as Song of Hope Church in 1996. This address and building, which is situated immediately southwest of the Site, is currently the administration building for the Mt. Olivet Baptist Church, which sits further south. A copy of the City Directory report is included in Appendix E.

3.2 PAST USES AND OPERATIONS

In 1958, the U.S. Government acquired approximately 5 acres of land from the Housing Authority of Portland. Construction of the administration building and OMS occurred in 1960. A historic map review suggests that the Site was formerly part of a residential apartment complex prior to the construction of the USAR Center. The Site has served as a reserve and mobilization center for the U.S. Army Reserve since the administration building was constructed in 1960.

The USAR Center is currently occupied by the 671st Engineering Company, the 379th Postal Company, and the 126th Chaplin Detachment. Historically, the Site primarily functioned as an administrative, logistical, and educational facility. The Site was historically used by reservists for drill activities on various weekends. The 671st is an engineering company specializing in portable bridges.

Currently and historically, the OMS building has been used to perform limited maintenance activities on military vehicles and equipment. Activities inside the OMS building include general vehicle servicing such as performing oil changes and preventative maintenance checks. Based on review of a historic Site plan contained in

the Spill Prevention Control and Countermeasure Plan (SPCCP) (Section 3.5.8) prepared in 1995, an AST shed with a sandbag berm was formerly situated on the northwestern portion of the Site on a gravel surface. A Facility Environmental Inspection Memo from 1996 states that the AST would soon be removed. At the time of the September 2006 Site reconnaissance, this area contained six CONEX portable containers and has been paved with asphalt.

Another feature depicted on the SPCCP Site plan is a wash rack and associated OWS located south of the OMS Building. Based on documented information provided by the 70th RRC, the wash rack and OWS were removed and the drain capped by an outside contractor in 1998. The current OWS system was reportedly installed in approximately 1993 to treat runoff from various parts of the Site.

Historic documents, personnel interviews, historical aerial photographs, Sanborn Insurance maps, and topographic maps were the primary sources of information on the past use and operations at the Site and adjacent properties. Figure 6 and Figures 8 - 19 in Appendix A provide USGS topographical maps, aerial views, and Sanborn maps of the Site and surrounding area in 1924, 1950, 1954, 1955, 1961, 1969, 1970, 1977, 1984, 1994, 2000, and 2005.

The overall development of the area is best shown on the historical Sanborn Fire Insurance maps from 1924, 1950, and 1969 (Figures 17, 18, and 19 in Appendix A). The map from 1924 shows no structures in the area of the Site. As best can be determined by using the maps from subsequent years, the Site lies between Washburne and Fowler Avenues, from Houghton Road south. This block shows no structures. The 1950 Sanborn map shows much change from the 1924 map. The area is dominated by residential apartments. Fowler Avenue has been truncated south of the Site and the addition of Bataan creates the triangular area between Bataan, Houghton and N. Chautauqua which is to become the USAR Center parcel. The Sanborn map from 1969 again shows much change in the character and layout of the area. The USAR Center is present on the map, showing both the administration and OMS buildings. The general character of the area has turned from residential apartments to single family homes. In addition, a park, west of the Site, has been formed in part by eliminating a portion of Houghton Road. The former Fowler Avenue and Bataan Road have merged with Chautauqua Boulevard south of Hunt to create North Chautauqua Boulevard in its present day layout. Also observed west of the Site and south of the park is the Portland Sports Arena, which today is the administration center for Mt. Olivet Church.

The 1954 USGS topographical map (Figure 8 in Appendix A) shows no structures as are seen in the Sanborn maps in the vicinity of the Site. The aerial photograph from 1955 (Figure 11 in Appendix A), however, shows numerous apartment complexes in the vicinity of the Site, and the creation of the park to the west of the site.

USGS topographical maps from 1961, 1970, and 1977 (Figures 9, 10, and 6, in Appendix A) and the aerial photographs from 1970, 1984, and 1994 (Figures 12, 13, and 14 in Appendix A) show the Site generally as it is today and the predominantly residential nature of the area. The building immediately southwest of the site is seen on all these maps and aeriels. This structure has a history of being a bowling lane, a sports arena, a flea market, a church and currently as the administration building for the Mt. Olivet Baptist Church.

Figures 15 and 16 in Appendix A are aerial photographs of the Site from the City of Portland GIS Map website (<http://www.portlandmaps.com>). The construction of the OMS addition which took place in 2005 and the 2004 asphalt re-pavement of the Site are clearly visible on the 2005 aerial and not on the 2000 aerial.

3.3 PAST USE, STORAGE, DISPOSAL, AND RELEASE OF HAZARDOUS SUBSTANCES

3.3.1 Past Use and Storage of Hazardous Substances

Information related to the past use and storage of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel.

Chemicals formerly used and stored at the Site were associated with vehicle and facility maintenance activities, and janitorial services. Janitorial chemicals and building maintenance-related products were stored in the designated storage area within the janitorial closets located in the administration building. Small amounts of vehicle maintenance products were stored within the designated flammable materials cabinet in the OMS building, and currently are stored in one of the hazmat sheds.

Certain types of chemical products used and stored at the Site would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct support level maintenance. However, there is no indication that CERCLA hazardous substances were stored at the Site for one year or more in excess of corresponding reportable quantities.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. According to Army Reserve personnel and site records, on-site disposal of hazardous materials or wastes has not occurred at the Site. No stained soil or stressed vegetation (other than that reflecting very dry weather conditions) was observed during the September 2006 site visit.

3.4 PAST PRESENCE OF BULK PETROLEUM STORAGE TANKS

Based on review of a historic Site plan contained in the SPCCP prepared in 1995, an AST shed with a sandbag berm was formerly situated on the northwestern portion of the Site on a gravel surface. A Facility Environmental Inspection Memo from 1996 states that the AST would soon be removed, along with the wooden shed it was contained in. At the time of the September 2006 Site reconnaissance, this area contained six CONEX portable containers and has been paved with asphalt. Currently, one 360-gallon used oil AST is present at the Site, located within the OMS building. The AST is a double-walled tank with a built-in secondary containment.

According to site personnel no underground petroleum storage tanks are currently present on the Site. In addition, no evidence of current USTs was observed on the Site during the Site reconnaissance. Site records, however, show some discrepancy. One document from a 1989 Army Site report shows that three heating oil tanks were present at that time; one 680-gallon, one 5,000-gallon, and one 10,000-gallon. A different record from the DEQ from 2001, indicates that two 675 and a 10,000-gallon diesel USTs were decommissioned and removed from the Site. It appears that the 1989 report may have been incorrect, or otherwise there may be additional tanks at the Site. There is no information regarding the location or former location of any of the tanks.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

A review of site records produced several reports pertaining to the Site. The following subsections provide a brief summary of these reports. Copies of the reports are provided in Appendix D.

3.5.1 1989 United States Army Toxic and Hazardous Materials Agency Property Report Database Printout

This facility data report identifies nine areas of hazardous materials;

- A POL storage shed, containing a 400-gallon AST,
- A drum storage area with four 55-gallon drums of waste oil, waste solvent, and waste antifreeze,
- A paint storage room with 50-gallons of paint and spray paint located inside the OMS,
- A portable parts cleaner with 2-gallons of waste solvent,
- A brake changing area with no special procedures to contain asbestos during brake work,

- A vehicle wash rack and OWS with oil and grease from vehicle wash water (the report states that the OWS is emptied as needed by arrangement with the Vancouver Barracks),
- A 680-gallon heating oil UST, “installed in 1971 (approx.) was taken out of service in 1988...no evidence of leaks, tentatively planned for removal”,
- A 5000-gallon heating oil UST, “installed in 1956 (approx.), provides backup heating fuel for natural gas. Not leak tested, no evidence of leaks”,
- A 10,000-gallon heating oil UST, “installed in 1956 (approx.), provides backup heating fuel for natural gas. Not leak tested, no evidence of leaks”. The report notes that this tank is registered with the state.

3.5.2 2000 Decommissioning of USTs and December 2001 Oregon Department of Environmental Quality Review of UST Decommissioning and Cleanup (No Further Action Required)

These documents show that the DEQ indicates two 675 and one 10,000-gallon diesel USTs were decommissioned and removed from the Site. Diesel contamination was discovered during the decommissioning and approximately 275 tons of contaminated soil was excavated and taken to the appropriate landfill. Tests after cleanup indicated that diesel levels were well below the most stringent cleanup level for diesel. Accordingly, no further action was required by the DEQ. There is no information regarding the location or former location of any of the tanks.

3.5.3 2004 Draft Survey of Drains, Pollution Control Equipment, and Discharge Points

A 2004 Survey of Drains, Pollution Control Equipment, and Discharge Points identified ten exterior surface storm drains, five dry wells, and an OWS at the Site. In addition, six interior floor drains are located within the mechanical room and the kitchen area. A grease trap is located in the kitchen under a sink. All of these structures were observed during the 2006 Site visit and appeared to be in functioning condition.

According to the report, the interior drains are tied into the City’s sanitary sewer system. The report states that the grease trap also discharges to the sanitary sewer system. In addition, the report states that nine of the exterior drains ultimately go to the OWS and joins the city sanitary sewer. One of the exterior drains discharges to a drywell. All five drywells have gravel bottoms and slotted sides for infiltration. A sump is located in the mechanical room which also discharges to the city sanitary sewer.

3.5.4 1998 Centennial Contractors Daily Construction Quality Control Report, Wash Rack Removal

Centennial Contractors Daily Construction Quality Control Report between September 16 and September 21, 1998 states that they did demolition work of the wash rack and a catch basin, believed to be the old OWS. No information related to whether or not surrounding soils were sampled during excavation and demolition and no figures were associated with the removal documentation. Based on historic Site plans contained in other pertinent records reviewed for the Site, however, the former wash rack was situated south of the OMS building.

3.5.5 May 1993 Oil/Water Separators and Storm Drainage System Improvements

KPFF Consulting Engineers prepared this report (dated May 21, 1993) for numerous USAR Center locations throughout Oregon and Washington. The existing Site drainage is collected through a series of catch basins, pipes and manholes to the north then east out to Chautauqua Boulevard. The proposed improvements included a single coalescing plate-type OWS installed in-line along the existing storm pipe running out to Chautauqua Boulevard. The report also states that existing pipe grades do not allow for a high flow bypass system.

3.5.6 Asbestos Survey Status Table for the 70th RRC Facilities

A table provided by the 70th RRC listing the status of ACM surveys for its facilities, shows that an asbestos survey has been performed at the Site in May 1994. It also states that the report was combined with the Webb and Sears facilities. No results or other information was available.

3.5.7 1994 Field Report for Lead Abatement at the Portland South Range

Performance Abatement Services prepared this report (dated June 27, 1994) which documents lead abatement activities associated with an indoor firing range at Sharff Hall. Field work conducted included removing all office equipment from the area, which was wet wiped. Then all steel plating and one deflector shield were removed. The sand from the trap was screened, tested, and bagged. Finally, the entire facility was push broom cleaned, HEPA vacuumed, and pressure washed. After cleaning, five random locations were sampled and qualitative results did not indicate the presence of lead. The report concluded that the Site "is free of lead contamination due to past use as a firing range." During the September 2006 Site visit, this room was observed to be occupied by a physical training weight room and a classroom.

3.5.8 1995 Sharff Hall Spill Prevention Control and Countermeasure Plan

The SPCCP was prepared by Woodward-Clyde, Inc. to outline the routine steps to be taken in the event of a spill in daily operations to reduce the amount of waste generated and likelihood of a spill. The report describes the facility as being equipped with the following operations and storage areas:

- Three-bay maintenance shop and parts storage room,
- Conex storage trailers,
- Empty and out of service AST located in a shed surrounded by a sand bag berm,
- 2 Flammable material storage buildings,
- Wash rack and adjacent OWS (discharge point unknown), and
- Administration offices.

Hazardous materials reported for the Site include lubricants, adhesives, sealants, cleaners, solvents and welding gases. A figure contained in this report shows a wash rack and associated OWS situated west of the OMS Building. The Site layout plan also depicts the surface water flow pattern to flow toward storm drains located in the asphalt paved areas. The interior of the OMS Building depicts three service bays, 2 offices, and a parts room. Tables which contain information related to the use, storage and management practices (including frequency of disposal) are provided in this report.

3.5.9 2006 Sharff Hall Spill Prevention Control and Countermeasure Plan

The SPCCP was prepared by Shaw Environmental, Inc. to outline the routine steps to be taken in the event of a spill in daily operations to reduce the amount of waste generated and likelihood of a spill. The report describes the facility as having the following inventory:

- One 360-gallon double walled AST,
- One 2,500-gallon mobile diesel fuel truck,
- Three 55-gallon drums of new oil.
- Eight 55-gallon drums of various lubricants, grease, transmission fluid, brake fluid, antifreeze, etc., and
- Two 55-gallon drums of used oil.

A Site layout plan depicts the surface water flow pattern to flow toward storm drains located in the asphalt paved areas. Also shown is a concrete pad where vehicles are currently washed and the lines that drain it to the OWS prior to discharging to the city sanitary sewer.

3.5.10 1996 Facility Environmental Inspection Memo, and 1997 Environmental Compliance Assessment Report

The U.S. Army Reserve performed internal surveys in 1996 and 1997 listing and evaluating areas on the Site where environmental concerns were apparent. Various areas were noted in each of the reports as needing correction at the time of the assessment. None of the deficiencies observed appeared to pose an immediate risk to human health or the environmental condition at the Site. The comments generally addressed records and housekeeping issues. Specific items to note include comments related to the emptying of the old AST in the 1996 report and that the shed that it was in it to be removed "in the next two weeks", and the 1997 report states "An asbestos survey was conducted on 18 NOV 1993. Significant amounts of asbestos have been removed in accordance with this survey". There is no indication in the report where or when asbestos had been removed from the facility.

3.5.11 2001 Oregon Department of Environmental Services Compliance Evaluation Inspection

This letter document summarizes an environmental inspection of the USAR Center on October 3, 2001. The report states "that Sharff Hall was in compliance with all hazardous waste generator regulations".

3.5.12 2002 Internal Spill Response Incident Report Form

This form identifies a spill of approximately 10-gallons of 10W hydraulic oil from a ruptured hose on October 5, 2002. The reports also states that the spill was contained with a sorbent dam, and that absorbent pads and Lite-dri absorbent were used to clean up the spill. All materials were then bagged, put in a drum and placed in the hazmat storage shed. No information regarding the disposal of the drum is provided.

3.5.13 1991 Radon Results Printout

Results of a 1991 radon survey conducted in eight locations at the Sharff USAR Center show that all eight samples resulted in levels well below the USEPA's recommended maximum allowable exposure level of 4 pCi/l.

3.5.14 2003 Record of Environmental Consideration

This document describes the proposed addition to the OMS which was completed in 2005. It identifies the project as qualified for a Categorical Exclusion because the construction would not significantly alter land use. The report states that ACM is present in the OMS building, and that prior to construction, samples should be taken and analyzed to protect human health and the environment.

3.5.15 January 2003, Integrated Cultural Resources Management Plan (ICRMP) Historic Properties Component

This report was compiled by Parsons, Inc., in conjunction with the USARC. The Historic Properties Component was documented in order to comply with Section 106 of the National Historic Preservation Act. The INCRMP states that “to date, there are no properties of traditional religious and cultural importance identified on the 70th RRC facilities within the state of Oregon.” Other pertinent information contained in the ICRMP included soils and geology for the region of the Site which is provided in Section 2.4.2.

4.0 ADJACENT PROPERTIES

Figure 16 in Appendix A provides a 2005 aerial view of the Site and adjacent properties. The majority of property surrounding the Site is residential, and the land immediately west of the Site is park open space. Refer to Table 1, Figure 16 in Appendix A, photographs in Appendix B where noted, for the following discussion of adjacent properties.

Land immediately north of the Site are single family residential properties on N. Alaska Street (Photograph 41 in Appendix B).

N. Chautauqua Boulevard borders the Site on the east and southeast. Properties across Chautauqua Boulevard are all single family residences (Photograph 42 in Appendix B).

Land immediately southwest of the Site is zoned commercial neighborhood business, and is the location of the Mt. Olivet Baptist Church and its administration building. The church administration building has a history of being a bowling alley, a sports arena, a flea market, and a church (Photograph 43 in Appendix B).

Immediately west of the site is University Park and community center. The land directly adjacent the site is open space, and is zoned as such (Photograph 44 in Appendix B).

TABLE 1 LIST OF ADJACENT PROPERTIES			
Direction From Site	Name/Type of Property	Address	Zoning
North	Single Family Residences/ N. Alaska St.	Various N. Alaska St.	Residential
East/South east	N. Chautauqua Boulevard/ Single Family Residences	Various N. Chautauqua Blvd.	Residential
Southwest	Mt. Olivet Baptist Church and Administration Building	8501 and 8725 N. Chautauqua Blvd.	Commercial Neighborhood Business
West	University Park	None	Open Space

Appendix A and Appendix E provide historical aerial photographs, topographic maps, and EDR Reports, which were used to evaluate any potential environmental impacts on

adjacent properties that may have also impacted the environmental condition at the Site. Land use at immediately adjacent properties does not appear to have changed significantly over the years and does not appear to have impacted the environmental conditions of the USAR Center.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of all reasonably obtainable federal, state, and local government records for the Site and surrounding properties, where there has been a release or likely release of any hazardous substance or any petroleum product, and which is likely to cause or contribute to a release or threatened release of any hazardous substance or any petroleum product on the federal real property. A regulatory database summary was acquired from EDR on July 14, 2006. The regulatory database summary consolidates standard federal, state, local, and tribal environmental record sources based on ASTM D 6008-96 (2005) recommended minimum search distances from the Site. A copy of the complete EDR report is included in Appendix E. Acronyms used in Tables and text throughout this section are defined in the EDR report in Appendix E. "High Risk" properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

5.1 FEDERAL ENVIRONMENTAL RECORDS

The regulatory information presented in Table 2 below was obtained from the EDR Federal regulatory database search report.

TABLE 2 FEDERAL DATABASE SEARCH								
Database	Search Distance (miles)	Target Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
Delisted NPL	1.000		0	0	0	0	NR	0
NPL Recovery	TP		NR	NR	NR	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
CERCLIS-NFRAP	0.500		0	0	1	NR	NR	1
CORRACTS	1.000		0	0	0	0	NR	0
RCRA TSD	0.500		0	0	0	NR	NR	0
RCRA LQG	0.250		0	0	NR	NR	NR	0
RCRA SQG	0.250	X	1	0	NR	NR	NR	2
ERNS	TP		NR	NR	NR	NR	NR	0

**TABLE 2
 FEDERAL DATABASE SEARCH**

Database	Search Distance (miles)	Target Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
US Brownfields	0.500		0	0	1	NR	NR	1
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES	0.250		NR	NR	NR	NR	NR	0
FINDS	TP	X	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0

Acronyms – are defined in detail in the attached EDR Report, Appendix E
 TP=Target Property (the Site) NR=Not Requested at this Search Distance

5.1.1 Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS-NFRAP)

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA’s knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information

indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

According to the EDR report, there is 1 CERCL-NFRAP site within approximately 0.5 miles of the target property:

- Northwest Cast Metal Products, 9200 N. Endicott (1/4-1/2 NE)

This parcel is topographically lower, down gradient, and sufficiently distant from the USAR Center, and therefore is not a concern.

5.1.2 Resource Conservation and Recovery Action Information-Small Quantity Generator (RCRA-SQG)

RCRAInfo is USEPA'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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Conditionally exempt small quantity generators generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste.

The Sharff USAR Center is listed as being a RCRA small quantity generator. In addition, according to the EDR report, there is 1 RCRA-SQG site within 0.25 miles of the target property:

- Mt. Olivet Baptist Church, 8501 N. Chautauqua Blvd. (0-1/8 SW)

Although this property is at a higher or equal elevation, the Church is on this database as a Small Quantity Generator with no violations. It is not a concern for the USAR Center.

5.1.3 US Brownfields

The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments.

According to the EDR report, there is 1 US Brownfields site within approximately 0.5 miles of the target property:

- Columbia Villa Property, 8910 Woolsey Ave. North (1/4-1/2 W)

This site is a housing redevelopment project, in which lead paint and lead contaminated soil around demolished structures was an issue. It is sufficiently distant to the USAR Center and therefore is not a concern.

5.1.4 Facility Index System/Facility Registry System (FINDS) Site

The FINDS List contains both facility information and "pointers" to other sources that contain more detail. The EDR report includes the following FINDS databases in this report: Permit Compliance System, Aerometric Information Retrieval System; Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes, Federal Underground Injection Control; Criminal Docket System used to track criminal enforcement actions for all environmental statutes; Federal Facilities Information System, State Environmental Laws and Statute, and Polychlorinated Biphenyl PCB Activity Data System.

According to the EDR report, the USAR Center is in the FINDS list. There is no specific additional information provided in the EDR report.

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

The regulatory information presented below was obtained from the EDR State and Local regulatory database search report. Sites identified by this database search are discussed in the following subsections.

TABLE 3 STATE DATABASE SEARCH								
Database	Search Distance (miles)	Target Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total
State Haz. Waset – ECSI	1.000		0	0	4	11	NR	15
OR CRL	1.000		0	0	0	4	NR	4

**TABLE 3
 STATE DATABASE SEARCH**

Database	Search Distance (miles)	Target Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total
State Landfill	0.500		0	0	1	NR	NR	1
UIC	0.250		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
LUST	0.500	X	0	16	82	NR	NR	99
AOC COL	1.000		0	0	NR	1	NR	1
UST	0.250	X	0	0	NR	NR	NR	1
AST	0.250		NR	NR	NR	NR	NR	0
MANIFEST	0.250	X	0	0	0	NR	NR	1
OR SPILLS	TP		NR	NR	NR	NR	NR	0
OR HAZMAT	TP		NR	NR	NR	NR	NR	0
ENG CONTROLS	0.500		0	0	NR	NR	NR	0
INST CONTROL	0.500		NR	NR	NR	NR	NR	0
VCS	0.500		NR	NR	2	NR	NR	2
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HSIS	TP		NR	NR	NR	NR	NR	0

Acronyms – are defined in detail in the attached EDR Report, Appendix E
 NR=Not Requested at this Search Distance

5.2.1 Environmental Cleanup Site Information System (ECSI)

The Environmental Cleanup Site Information System records information about sites in Oregon that may be of environmental interest. The data obtained in the EDR report came from the Department of Environmental Quality.

According to the EDR report, there are 15 sites within 1 mile of the target property.

- Columbia Villa Maintenance Facility, 8910 N. Woolsey Ct. (1/4-1/2 W)
- Airgas Nor Pac, 3591 N. Columbia Blvd. (1/4-1/2 NNE)

- Mitchell Brothers Truck Lines, 3841 N. Columbia Blvd. (1/4-1/2 N)
- Name of Site Not Reported, 3131 N. Columbia Blvd. (1/4-1/2 ENE)
- Pacific Carbide & Alloys Co., 9901 N. Hurst Ave. (1/2-1 N)
- NW Cast/Universal Silver, 9233 N. Calvert Ave. (1/2-1 ENE)
- Pacific Meat Co., 2701 Newark St. (1/2-1 ENE)
- Gallus, Inc., 9425 N. Burrage Ave. (1/2-1 ENE)
- General Electric Industrial Co., 2410 N. Columbia Blvd. (1/2-1 E)
- Goodyear Distribution Center, 2344 N. Columbia Blvd. (1/2-1 E)
- Name of Site Not Reported, 5001 N. Columbia Blvd. (1/2-1 NW)
- Name of Site Not Reported, 2301 N. Columbia Blvd. (1/2-1 E)
- Blasen & Blasen Lumber Co., 2155 N. Columbia Blvd. (1/2-1 E)
- Ferguson Enterprises, Inc., 2121 N. Columbia Blvd. (1/2-1 E)
- Familian NW, 1945 N. Columbia Blvd. (1/2-1 E)

All of these sites are sufficiently distant, down gradient, or have environmental concerns with very little or no probability of impacting the USAR Center. Only one site is at a higher or equal elevation, and that site is the Columbia Villa Maintenance, which is a housing redevelopment project, in which lead paint and lead contaminated soil around demolished structures was an issue. It is sufficiently distant to the USAR Center and therefore is not a concern.

5.2.2 Oregon Confirmed Release List and Inventory (OR CRL)

Sites that are or may be contaminated and may require cleanup.

According to the EDR report, there are 4 OR CRL sites within 1 mile of the target property:

- Pacific Carbide & Alloys Co., 9901 N. Hurst Ave. (1/2-1 N)
- NW Cast/Universal Silver, 9233 N. Calvert Ave. (1/2-1 ENE)

- Pacific Meat Co., 2701 N. Newark St. (1/2-1 ENE)
- Name of Site Not Reported, 2301 N. Columbia Blvd. (1/2-1 E)

All of these sites are topographically lower, down gradient and sufficiently distant to the USAR Center and therefore are not a concern.

5.2.3 Solid Waste Facilities/Landfill (SWF/LF)

The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Closure & Regular Solid Waste Active Disposal Permits Database.

According to the EDR report, there is 1 SWF/LF site within 0.5 miles of the target property:

- Malarkey Landfill, 3131 N. Columbia Blvd. (1/4-1/2 ENE)

This site is topographically lower, down gradient and sufficiently distant to the USAR Center and therefore is not a concern.

5.2.4 LUST - Leaking Underground Storage Tank List

Leaking Underground Storage Tank (LUST) Incident Reports records contain an inventory of reported leaking underground storage tank incidents. The data obtained in the EDR report was from the Department of Environmental Quality's LUST Database List.

Sharff USAR Center is listed on the LUST database, but is labeled as cleanup completed. This leaking is associated with USTs that were decommissioned and removed.

According to the EDR report, there are 98 LUST sites within 0.5 miles of the target property. Of the 98 LUST cases listed on this database, 82 are listed as closed. There are 16 sites that do not have a reported cleanup date. The 16 properties without clean up dates are as follows:

- Eric Holen, 8831 N. Wayland (1/8-1/4 W)
- D Fleskes, 3430 N Willis Blvd. (1/4-1/2 ESE)
- R Martinelli, 81801 N Washburne (1/4-1/2 SSE)

- Wecker Construction, 4414 N Willis (1/4-1/2 WSW)
- Vince Caillovette, 8000 N Fowler (1/4-1/2 S)
- James Glass, 8323 N. Emerald (1/4-1/2 ESE)
- D Adam, 3155 N. Arlington Place (1/4-1/2 ESE)
- Wayne & Roxanne Henry, 8000 N. Woolsey Ave. (1/4-1/2 SW)
- Sharon Mullins, 8825 N Fiske (1/4-1/2 W)
- Devin Stross, 3837 N Baldwin (1/4-1/2 S)
- M Luttrell, 3154 N Watts (1/4-1/2 SE)
- Don & Leatha Tyra, 8520 N Hamlin Ave. (1/8-1/4 ESE)
- Florence Shields, 8502 N Hamlin Ave. (1/8-1/4 ESE)
- Gerda Cox, 8415 N Drummond Ave. (1/4-1/2 ESE)
- Redbird Estate, 8947 N Curtis (1/4-1/2 ENE)
- Doug Thayer, 3054 N Willis (1/4-1/2 ESE)

Five of these sites are topographically lower and down gradient from the USAR Center. Ten of the remaining eleven sites are all heating oil spills at single family residences where the volume of spills would normally be small and would have little potential of impacting the USAR Center. The remaining property, Wecker Construction, is also a heating oil spill, and is sufficiently distant, and therefore is not a concern.

5.2.5 Oregon Areas of Concern (AOC COL)

Oregon Areas of Concern List.

According to the EDR report, there is 1 AOC COL site within 1 mile of the target property:

- Columbia Slough, Portland Rd. (1/2-1 N)

This site is a drainage slough and is topographically lower, down gradient, and sufficiently distant to the USAR Center and therefore is not a concern.

5.2.6 Registered Underground Storage Tank Database

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

Sharff USAR Center is listed on the UST database most likely because of the presence former UST's.

5.2.7 Oregon Manifest

Sites on this database have manifest information with the State of Oregon. Sharff USAR Center is listed on the manifest database. No additional information is provided, however, presence on this list only means that hazardous waste has been removed from the Site and disposed of at some time in the past that required a manifest be filed with the State of Oregon.

5.2.8 Oregon Voluntary Cleanup Sites (OR VCS)

Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

According to the EDR report, there are 2 VCS sites within 0.5 miles of the target property:

- Columbia Villa Maintenance Facility, 8910 N. Woolsey Ct. (1/4-1/2 W)
- Airgas Nor Pac, 3591 N Columbia Blvd. (1/4-1/2 NNE)

Columbia Villa Maintenance is a housing redevelopment project, in which lead paint and lead contaminated soil around demolished structures was an issue. It is sufficiently distant to the USAR Center and therefore is not a concern. Airgas Nor Pac is topographically lower, down gradient, and sufficiently distant to the USAR Center and therefore is not a concern.

5.3 TRIBAL ENVIRONMENTAL RECORDS

The regulatory information presented below was obtained from the EDR's Tribal database search report.

TABLE 4 TRIBAL DATABASE SEARCH								
Database	Search	Target	<1/8	1/8 –	1/4 –	1/2 – 1	>1	Total

	Distance (miles)	Site		1/4	1/2			
Indian Reservation	1.000		0	0	0	0	NR	0
Indian LUST	0.500		0	0	0	NR	NR	0
Indian UST	0.250		0	0	NR	NR	NR	0

Acronyms – are defined in detail in the attached EDR Report, Appendix E
 NR=Not Requested at this Search Distance

According to the EDR report, no sites were located within the designated radius for each of the searched Tribal Databases.

5.4 EDR PROPRIETARY RECORDS

The regulatory information presented below was obtained from EDR’s Proprietary Records database search report.

TABLE 5 EDR PROPRIETARY DATABASE SEARCH								
Database	Search Distance (miles)	Target Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
Manufactured Gas Plants	1.000		0	0	0	0	NR	0
EDR Historical Auto Stations	TP		NR	NR	NR	NR	NR	0
EDR Historical Cleaners	TP		NR	NR	NR	NR	NR	0

Acronyms – are defined in detail in the attached EDR Report, Appendix E
 TP=Target Property (the Site) NR=Not Requested at this Search Distance

According to the EDR report, no sites were located within the designated radius for each of the searched EDR Proprietary Databases.

5.5 ENVIRONMENTAL REGULATORY AGENCY INQUIRIES

Information regarding the Site was requested from the following local government agencies. A summary of information obtained from the agencies contacted is presented below. Correspondence and information obtained from agencies is provided in Appendix D.

The following divisions of the DEQ were contacted to request environmental records available for the Site:

- Air Quality Program - An environmental records review was requested August 10, 2006 from the Division of Air Quality. The reply dated August 15, 2006, states that they had no environmental records for the Site.
- Division of Land/UST - An environmental records review was requested August 10, 2006 from the Division of Water Quality. The reply dated August 15, 2006, included a decommissioning of unregistered USTs document for the Site.
- A public records request form was submitted to the ODEQ on August 17, 2006. Documents were sent back regarding RCRA-SQG disposal records and a No Further Action letter regarding the decommissioning and cleanup of the former UST on Site.

5.6 UNMAPPED SITES

Thirty-seven unmapped properties were included in the EDR report. Unmapped sites are those with insufficient address information such that they can only be identified as within the zip code of the target property. Based on reconnaissance of the site vicinity, the unmapped properties were not within the applicable search radii or are duplicate listings and are discussed in the appropriate subsections of Section 5.

5.7 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO THE SITE

To summarize Subsections 5.1 through 5.6, thirty-five separate properties, in addition to the USAR Center, were evaluated as potential risk properties to the Site. The properties evaluated were identified as a result of information obtained during area reconnaissance and regulatory database searches and are listed below in Table 6.

TABLE 6				
PROPERTIES EVALUATED FOR POTENTIAL ENVIRONMENTAL RISKS				
Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
Northwest Cast Metal Products	CERCL-NFRAP	Lower	Low	No Violations, down gradient
Mt. Olivet Baptist Church	RCRA-SQG	Equal/Higher	Low	No Violations, Church
Columbia Villa Property	US Brownfields, ECSI, LUST, UST, OR-VCS	Equal/Higher	Moderate	Housing Redevelopment Project; No Further Action, LUST Cleanup

TABLE 6				
PROPERTIES EVALUATED FOR POTENTIAL ENVIRONMENTAL RISKS				
Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
				4/10/96, 4 USTs Decommissioned; in excess of ¼ mile from Site
Airgas Nor Pac	ECSI, OR-VCS	Lower	Low	No Cleanup Dates Reported, Topographically Lower and Down Gradient
Mitchell Brothers Truck Lines	ECSI	Lower	Low	No Cleanup Dates Reported, Topographically Lower and Down Gradient
Name of Site Not Reported	ECSI	Lower	Low	Some Remedial Action Completed, No Other Cleanup Dates Reported, Topographically Lower and Down Gradient
Pacific Carbide & Alloys Co.	ECSI, OR CRL	Lower	Low	Some Remedial Action Completed, No Other Cleanup Dates Reported, Topographically Lower and Down Gradient
NW Cast/Universal Silver	ECSI, OR CRL	Lower	Low	Some Remedial Action Completed, No Other Cleanup Dates Reported, Topographically Lower and Down Gradient
Pacific Meat Co.	ECSI, OR CRL	Lower	Low	Remedial Action Being Conducted at Site, Topographically Lower and Down Gradient
Gallus, Inc.	ECSI, LUST	Lower	Low	No Cleanup Dates or Remedial Action Dates Reported, LUST Cleanup Date 5/29/97, Topographically Lower and Down Gradient
General Electric Industrial Co.	ECSI	Lower	Low	No Further Action Status, Topographically

TABLE 6				
PROPERTIES EVALUATED FOR POTENTIAL ENVIRONMENTAL RISKS				
Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
				Lower and Down Gradient
Goodyear Distribution Center	ECSI	Lower	Low	No Violations, Topographically Lower and Down Gradient
Name of Site Not Reported	ECSI, OR CRL	Lower	Low	No Cleanup Dates Reported, Topographically Lower and Down Gradient
Name of Site Not Reported	ECSI	Lower	Low	Preliminary Assessment Report Submitted to DEQ on 8/14/04, Topographically Lower and Down Gradient
Blasen & Blasen Lumber Co.	ECSI	Lower	Low	No Cleanup Dates Reported, Topographically Lower and Down Gradient
Ferguson Enterprises, Inc.	ECSI	Lower	Low	No Cleanup Dates Reported, Topographically Lower and Down Gradient
Familian NW	ECSI	Lower	Low	No Cleanup Dates Reported, Topographically Lower and Down Gradient
Malarkey Landfill	SWF/LF	Lower	Low	No Violations, Topographically Lower and Down Gradient
Eric Holen	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
D Fleskes	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
R Martinelli	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
Wecker Construction	LUST	Equal/Higher	Moderate	No Cleanup Date Reported, Heating Oil Tank
Vince Caillovette	LUST	Equal/Higher	Low-	No Cleanup Date

TABLE 6				
PROPERTIES EVALUATED FOR POTENTIAL ENVIRONMENTAL RISKS				
Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
			Moderate	Reported, Residential Heating Oil Tank
James Glass	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
D Adam	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
Wayne & Roxanne Henry	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
Sharon Mullins	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
Devin Stross	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
M Luttrell	LUST	Equal/Higher	Low-Moderate	No Cleanup Date Reported, Residential Heating Oil Tank
Don & Leatha Tyra	LUST	Lower	Low	No Cleanup Date Reported, Residential Heating Oil Tank, Topographically Lower and Down Gradient
Florence Shields	LUST	Lower	Low	No Cleanup Date Reported, Residential Heating Oil Tank, Topographically Lower and Down Gradient
Gerda Cox	LUST	Lower	Low	No Cleanup Date Reported, Residential Heating Oil Tank, Topographically Lower and Down Gradient
Redbird Estate	LUST	Lower	Low	No Cleanup Date Reported, Residential Heating Oil Tank, Topographically Lower and Down Gradient
Doug Thayer	LUST	Lower	Low	No Cleanup Date Reported, Residential

Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
				Heating Oil Tank, Topographically Lower and Down Gradient
Columbia Slough	AOC-COL	Lower	Low	No Violations Reported, Topographically Lower and Down Gradient

Acronyms – are defined in detail in the attached EDR Report, Appendix E

Based on an evaluation of available site information and details concerning the properties listed in Table 6, none of the facilities evaluated are classified as “High Risk”. “High Risk” properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

6.0 SITE INVESTIGATION AND REVIEW OF HAZARDS

Findings documented in the following subsections are based on the September 7, 2006, Site visit and area reconnaissance, a review of available Site records, and information obtained from U.S. Army Reserve personnel.

6.1 ABOVEGROUND STORAGE TANKS

One 360-gallon used oil AST is currently present at the Site, located within the OMS building. The AST is a double-walled tank with a built-in secondary containment. No stains or evidence of spills were observed around the AST. Records indicate the presence of a former 400-gallon AST in a wood shed with a sand bag berm in the northwest corner of the Site. A 1996 Facility Environmental Inspection Memo states that the tank was to be emptied and the wood shed removed. At the time of the September 2006 Site visit the northwest corner of the site was paved with asphalt and no indications of staining could be observed. No documentation was available on the decommissioning and removal of a former 400-gallon AST located in the northwest corner of the Site.

6.2 ASBESTOS CONTAINING MATERIAL

A table provided by the 70th RRC listing the status of ACM surveys for its facilities shows that an asbestos survey has been performed at the Site with a report dated May, 1994. A copy of this survey was not provided for this study, however, a document discussing a proposed addition to the OMS from 1993 states that ACM is present in the OMS building. Considering that the administration building was built at the same time as the OMS, similar materials were most likely used. No additional information was provided.

During the Site visit, floor tiles and pipe wrap, materials that typically contain ACM, were observed in fair condition.

6.3 INDOOR FIRING RANGE

Historically, the Site operated an indoor firing range. In June 1994 a range removal and abatement was performed by Performance Abatement Services. A 1994 report following testing after the removal and abatement concluded that the Site was now free of any accessible lead contamination due to past use as a firing range. The area now acts as a physical training weight room and a classroom.

6.4 INVENTORY OF CHEMICALS / HAZARDOUS SUBSTANCES

At the time of the Site visit, the OMS building contained one 55-gallon drum of grease, and three 55-gallon drums of different weight oils. All of these products are connected to an electric air compressor and distributed through hoses in the maintenance bays.

Two portable hazmat storage sheds are located north of the OMS building. One of the hazmat sheds contained approximately 16 empty 5-gallon fuel cans, a portable generator and a fire proof cabinet with aerosol cans and various less than 5-gallon containers of a variety of routinely used materials. The other hazmat shed contained empty 5- and 55-gallon drums, oxygen and acetylene gas tanks, and numerous discharged fire extinguishers.

Miscellaneous training supplies and routine janitorial supplies were observed in the administration building at the time of the September 2006 site visit.

6.5 LEAD-BASED PAINT (LBP)

According to information provided by the 70th RCC, there are no documented lead-based paint surveys or abatement projects at the Site. Based on the date of construction (1960), it is likely that LBP exists in the structures. During the 2006 site visit, painted surfaces within the administration building and OMS appeared to be in good to fair condition.

6.6 MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

No indications were found during the September 2006 site visit or during the review of records to indicate the presence of MEC at the Site, including unexploded ordnance. A locked small arms vault is located within the administration building. According to site personnel, however, no ammunition for the arms are located or stored at the Site.

6.7 NEARBY PROPERTIES

Potential environmental sites of concern, located within corresponding ASTM search radius distances from the Site were evaluated. Overall, none of the sites evaluated exhibit environmental conditions that have a probability to adversely affect environmental conditions at the Site. Nearby properties include residential homes, a park and a church.

6.8 OIL/WATER SEPARATOR

Historically, an OWS was located adjacent to a wash rack just south of the OMS, and collected wash water from the wash rack drain before going into the city sanitary sewer system. According to site records, both the wash rack and adjacent OWS were removed in 1998. Existing Site drainage is collected through a series of catch basins,

pipes and manholes throughout the site and goes to a newer OWS installed around 1993 in the northeast portion of the Site adjacent to Chautauqua Boulevard. This OWS then discharges to the city sanitary sewer.

6.9 PCB EQUIPMENT

Based upon information provided by the 70th RRC, there is no known PCB containing equipment at this facility; however, PCBs may be contained in light ballasts in older type light fixtures. Based on the construction date of the buildings it is possible that some of these ballasts could potentially contain PCBs. Any light ballast not marked with "No PCBs" should be treated as if they contain PCBs, and management and disposal of these light ballasts must be in accordance with Local, State and Federal requirements.

6.10 PCB TRANSFORMERS

A concrete pad mounted transformer is situated near the northeast corner of the administration building. The transformer is not labeled and according to personnel interviews, is owned, operated and maintained by Portland General Electric.

6.11 PITS, SUMPS, DRYWELLS, AND CATCH BASINS

A 2004 Survey of Drains, Pollution Control Equipment, and Discharge Points identified ten exterior surface storm drains, five dry wells, and an OWS at the Site. In addition, six interior floor drains are located within the mechanical room and the kitchen area. A grease trap is located in the kitchen under a sink. All of these structures were observed during the 2006 Site visit and appeared to be in functioning condition.

According to the report, the interior drains are tied into the City's sanitary sewer system. The report states that the grease trap also discharges to the sanitary sewer system. In addition, the report states that nine of the exterior drains ultimately go to the OWS and joins the city sanitary sewer. One of the exterior drains discharges to a drywell. All five drywells have gravel bottoms and slotted sides for infiltration. A sump is located in the mechanical room which also discharges to the city sanitary sewer.

6.12 RADIOACTIVE MATERIALS

During the September 2006 Site visit and records review process, no indications were found of the past storage or use of radiological commodities at the USAR Center.

6.13 RADON

Information provided by the 70th RRC shows that a site-specific radon survey was performed in 1991. Based on the sampling results, no locations sampled exhibited radon levels above the U.S. Environmental Protection Agency's recommended

maximum allowable exposure level of 4 picoCuries per liter of air (pCi/L). Radon surveys are currently being performed at facilities within the 70th RRC by Shaw Environmental Group. The radon surveys commenced in July 2006 and results are currently not available. It is not known if this Site is one of the 2006 survey sites.

6.14 UNDERGROUND STORAGE TANKS

According to site personnel no underground petroleum storage tanks are currently present on the Site. Site records, however, show some discrepancy. One document from a 1989 Army Site report shows that three heating oil tanks are present, one 680-gallon, one 5,000-gallon, and one 10,000-gallon. Other records from the DEQ from 2001 indicate that two 675 and a 10,000-gallon diesel USTs were decommissioned and removed from the Site. Diesel contamination was discovered during the decommissioning and approximately 275 tons of contaminated soil was excavated and taken to the appropriate landfill. Tests after cleanup indicated that diesel levels were well below the most stringent cleanup level. Accordingly, a No Further Action letter was written by the DEQ dated December 26, 2001. It appears that the 1989 report may have been incorrect. There is no information regarding the location or former location of any of the tanks.

6.15 WASTE DISPOSAL SITES AND ACTIVITIES

Solid waste is managed on-site in two metal dumpsters, one for cardboard and one for other solid waste. The dumpsters are picked up weekly by Arrow Sanitary Services, Inc. Non-hazardous waste management, such as waste oil, is managed by DRMO. There were no signs of land-filling or illegal waste disposal activities at the Site during the September 2006 site visit.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

Figure 16 in Appendix A provides a 2005 aerial photograph of the USAR Center and surrounding properties and depicts current land use. The Site is zoned residential, as is most of the land surrounding the USAR Center. Two exceptions are the Mt. Olivet Baptist Church southwest of the Site which is zoned commercial neighborhood business and University Park to the west of the Site which is zoned open space.

7.2 COASTAL ZONE MANAGEMENT

According to information reviewed on-line at the Oregon Coastal Management Program's website (http://egov.oregon.gov/LCD/OCMP/CstZone_Intro.shtml), the Site does not lie within a coastal zone management area.

7.3 WETLANDS

According to the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory map, no jurisdictional wetland areas are identified on the Site or adjacent properties. During the September 2006 Site visit, no cattails and other vegetation indicative of saturated areas were observed at the Site.

7.4 100-YEAR FLOOD PLAIN

A review of the FEMA digital Flood Hazard Area map indicates that the Site lies outside the 100-year and 500-year flood plains. Figure 7 in Appendix A provides a map depicting the extent of the nearest 100-year flood plain in relation to the Site.

7.5 NATURAL RESOURCES

No Site specific survey addressing natural resources was available for review. Based on discussions with Mr. Patrick Marchman, Environmental Program Manager with ICI, LLC, there are no issues of environmental concern related to natural resources at the Site. No threatened and endangered species lists were available.

7.6 CULTURAL RESOURCES

Based on discussions with Mr. Marchman and review of the U.S. Army Reserve Integrated Cultural Resources Management Plan, Historic Properties Component (Section 3.5.15), there is neither cultural or traditional religious significance nor historic properties identified at the Site. Furthermore, the Site is not identified in the National Register Information System database.

8.0 CONCLUSIONS

Lawhon & Associates, Inc. in conjunction with FMSM was contracted to prepare an ECP report for the 2LT Alfred Sharff U.S. Army Reserve Center OR009 located at 8801 North Chautauqua Boulevard, Portland, Oregon 97207. The tract of land is triangular shaped and encompasses approximately 5 acres. The Site consists of two permanent buildings: a main administrative building and an outlying OMS building.

The USAR Center is currently occupied by the 671st Engineering Company, the 379th Postal Company, and the 126th Chaplin Detachment. The Site has been a USAR Center since the administration building and OMS were constructed in 1960. The OMS was expanded in 2005. The land and buildings are owned by the U.S. Government.

The Site has primarily functioned as an administrative, logistical, and educational facility, with limited basic vehicle maintenance occurring in the OMS building.

Findings of this ECP are based on interviews, existing environmental information, including visual observations, site records, Federal, State, and Local database and file information, related to the storage, release, treatment, or disposal of hazardous substances or petroleum products or derivatives on the property. The following paragraphs present the findings related to areas of potential environmental concern that were evaluated during the ECP process.

- **Aboveground Storage Tanks** - One 360-gallon used oil AST is currently present at the Site, located within the OMS building. The AST is a double-walled tank with a built-in secondary containment. No stains or evidence of spills were observed around the AST. Records indicate the presence of a former 400-gallon AST in a wood shed with a sand bag berm in the northwest corner of the Site. A 1996 Facility Environmental Inspection Memo states that the tank was to be emptied and the wood shed removed. At the time of the September 2006 Site visit the northwest corner of the site was paved with asphalt and no indications of staining could be observed.
- **Asbestos Containing Materials** - A table provided by the 70th RRC listing the status of ACM surveys for its facilities, shows that an asbestos survey has been performed at the Site with a report dated May, 1994. A copy of this survey was not provided for this study, however, a document discussing a proposed addition to the OMS from 1993 states that ACM is present in the OMS building. Considering that the administration building was built at the same time as the OMS, similar materials were most likely used. No additional information was provided.
- **Hazardous Substances** - Chemicals containing CERCLA hazardous substances may have been used and stored at the Site in amounts necessary to

support unit-level vehicle and building maintenance activities. However, the quantities stored would not have exceeded corresponding CERCLA threshold planning quantities. There is no evidence that the chemicals used or stored were ever improperly handled, released, or disposed at the Site.

- **Indoor Firing Range** - Historically, the Site operated an indoor firing range. In June 1994 a range removal and abatement was performed by Performance Abatement Services. A 1994 report following testing after the removal and abatement concluded that the Site was now free of any accessible lead contamination due to past use as a firing range. The area now acts as a physical training weight room and a classroom.
- **Lead-Based Paint** - There are no documented LBP surveys or abatement projects at the Site. Based on the date of construction of the administration and OMS buildings (1960), it is likely that LBP exists in the structures. A document discussing a proposed addition to the OMS from 1993 states that LBP is suspected to be present in the OMS building. It also states that most of the areas that are suspected to contain LBP will be encapsulated prior to the OMS expansion project. No additional information is provided.
- **Munitions and Explosives of Concern** - No indications were found during the site visit or records review process of the past presence of MEC, including unexploded ordnance. A locked small arms vault is located within the administration building. According to site personnel no ammunition for the arms are located or stored at the Site.
- **Nearby Properties** - Potential environmental sites of concern, located within corresponding ASTM search radius distances from the Site were evaluated. Overall, none of the sites evaluated exhibit environmental conditions that have a significant probability to adversely affect environmental conditions at the Site.
- **Oil/Water Separator** - Historically, an OWS was located adjacent to a wash rack just south of the OMS, and collected wash water from the wash rack drain before going into the city sanitary sewer system. According to site records, both the wash rack and adjacent OWS were removed in 1998. Existing Site drainage is collected through a series of catch basins, pipes and manholes throughout the site and go to a newer OWS installed around 1993 in the northeast portion of the Site adjacent to Chautauqua Boulevard. This OWS then discharges to the city sanitary sewer.
- **PCB Equipment** - Based upon information provided by the 70th RRC, there is no known PCB containing equipment at this facility; however, PCBs may be contained in light ballasts in older type light fixtures. Based on the construction

date of the buildings it is possible that some of these ballasts could potentially contain PCBs. Any light ballast not marked with "No PCBs" should be assumed to contain PCBs and management and disposal of these light ballasts must be in accordance with Local, State and Federal requirements.

- **PCB Transformers** - A concrete pad mounted transformer is situated near the northeast corner of the administration building. The power box is not labeled and according to personnel interviews, is operated and maintained by Portland General Electric.
- **Petroleum Product Storage** – Two mobile diesel fuel trucks are parked at the Site. Personnel interviews during the 2006 Site visit stated that they do occasionally fuel vehicles from the mobile fuel trucks. A portable, collapsible secondary containment liner with side walls is placed under the vehicles when fueling is performed. Additional petroleum storage may historically have occurred within the OMS building or hazmat sheds. There is no evidence that petroleum products in excess of 55-gallons were stored for one year or more on-site.
- **Pits, Ponds, Sumps, Drywells, and Catch Basins** - A 2004 Survey of Drains, Pollution Control Equipment, and Discharge Points identified ten exterior surface storm drains, five dry wells, and an OWS at the Site. In addition, six interior floor drains are located within the mechanical room and the kitchen area. A grease trap is located in the kitchen under a sink. All of these structures were observed during the 2006 Site visit and appeared to be in functioning condition.

According to the report, the interior drains are tied into the City's sanitary sewer system. The report states that the grease trap also discharges to the sanitary sewer system. In addition, the report states that nine of the exterior drains ultimately go to the OWS and joins the city sanitary sewer. One of the exterior drains discharges to a drywell. All five drywells have gravel bottoms and slotted sides for infiltration. A sump is located in the mechanical room which also discharges to the city sanitary sewer.

- **Radiological Materials** - Facility personnel indicated that to their knowledge the Site never had a Nuclear Regulatory permit. Most military facilities will have some low level radiological materials associated with the illumination of various types of military equipment (e.g., watch dials, compasses, aiming circles, etc.). There is no evidence to suggest that any radiological commodities were ever improperly managed at the Site, or that any radionuclides were ever released.
- **Radon** - Information provided by the 70th RCC shows that a radon survey was performed at the site in 1991. Based on the sampling results, no locations

sampled exhibited radon levels above the USEPA's recommended maximum allowable exposure level of 4 pCi/l. Radon surveys are currently being performed at facilities within the 70th RRC by Shaw Environmental Group. The radon surveys commenced in July 2006 and results are currently not available. It is not known if this Site is one of the 2006 survey sites.

- **Underground Storage Tanks** – According to site personnel no underground petroleum storage tanks are currently present on the Site. Site records show some discrepancy with respect to previous USTs. One document from a 1989 Army Site report shows that three heating oil tanks are present, one 680-gallon, one 5,000-gallon, and one 10,000-gallon. Other records from the Oregon Department of Environmental Quality from 2001 indicate that two 675 and a 10,000-gallon diesel USTs were decommissioned and removed from the Site. Diesel contamination was discovered during the decommissioning and approximately 275 tons of contaminated soil was excavated and taken to the appropriate landfill. Tests after cleanup indicated that diesel levels were well below the most stringent cleanup level. Accordingly, a No Further Action letter was written by the DEQ dated December 26, 2001. It appears that the 1989 report may have been incorrect, or otherwise there may be additional tanks at the Site. There is no information regarding the location or former location of any of the tanks.
- **Wash Water Discharge.** A former vehicle wash rack and an accompanying OWS was situated south of the OMS building. Historically, wastewater collected through the wash rack drains discharged to the OWS situated by the wash rack and ultimately to the city sanitary sewer. According to personnel interviews and review of documented information provided by the 70th RRC, use of the wash rack and OWS was discontinued and later both were removed by an outside contractor in 1998. No other information indicating whether soil samples were collected in the area of the former wash rack was available for inclusion of this ECP Report. Currently, vehicles are washed on a concrete pad outside the south bay door of the new OMS. Wash water discharges to the adjacent storm drains which carry it to the OWS by Chautauqua Boulevard and into the city sanitary sewer.

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Site has been classified as Category 2, an area or parcel of real property where only the release or disposal of petroleum products or their derivatives has occurred. This classification is based on the remediation of contaminated soil associated with former heating oil USTs.

9.0 LIMITATIONS

This ECP Report was prepared to review certain elements of the environmental condition of property related to the storage, release, treatment, or disposal of hazardous substances or petroleum products. It documents efforts to determine or discover the presence or likely presence of a release or threatened release of these materials. Project activities were performed in general conformance with the BRRM, ASTM D6008 guidance, the project prescribed scope of work, and generally accepted practices in the consulting industry. The degree of care and skill is consistent with that generally exercised in the industry under similar conditions.

Lawhon & Associates, Inc., has relied on certain information provided by the USACE, USAR, and other parties referenced in the report. This information was assumed to be accurate and complete unless information to the contrary arose during the course of the investigation. Historic documentation (e.g., information on past environmental practices, environmental records, USAR Center operational changes, unit and equipment changes, chemical/substance inventories and storage, current as-built drawings, etc.) and facility personnel knowledge regarding chemicals used or stored on the Site and the quantities stored, was often limited or non-existent. Therefore, statements regarding storage of chemicals or presence of hazardous substances reflect best available data and are not warranted for either completeness or accuracy over the history of the facility.

In preparing this report, Lawhon & Associates, Inc., was required to review previous documents from other sources (collectively referred to herein as the Prior Reports). The Prior Reports may present findings regarding the abatement or remediation of *known* concerns at the time of their preparation or within the limit of the project scope of work. The Prior Reports may include statements or opinions of the original authors of the Prior Reports as to the satisfactory completion of work. Lawhon & Associates, Inc., notes that environmental laws and regulations, including abatement or remedial action levels, are periodically reviewed and updated by the various regulatory agencies and may have changed since the respective dates of the Prior Reports.

Lawhon & Associates, Inc. has summarized certain of the Prior Reports in fulfilling the project prescribed scope of work. This summarization may include statements or opinions as to the satisfactory completion of work. These statements or opinions are those of the original report authors. Lawhon & Associates, Inc. neither warrants nor certifies the accuracy or completeness of these statements. The summarization of previous documents has not reviewed or updated those conclusions with regards to actions from the time of that document to date, current regulatory agency abatement, or remedial standards. Rather, this summary provides the original author's conclusions at the time the report was prepared. Evaluation of the completeness of previous

documents or statements of abatement or remediation is beyond the current scope of service included in this contract.

A limited site reconnaissance was performed to visually identify materials or conditions representing recognized adverse environmental conditions. Identification of hidden conditions, observation of the effects of activities or incidents occurring after completion of the reconnaissance, buried conditions, conditions obscured by dense foliage, conditions beneath buildings, other structures, or covered by building/paving materials, or conditions otherwise obscured, is beyond the scope of this work. The conditions described in this report are valid only at the time that the observations were made. Some conditions may change with time.

The findings and conclusions contained in this report are based in part on the information available at the time of the study. The findings and conclusions should be considered not as scientific certainties, but as probabilities based on professional judgment of the significance of the limited data gathered in the course of the site evaluation, interviews and literature review. If additional or corrected information becomes available, Lawhon & Associates, Inc., requests the opportunity to review/modify conclusions, as warranted.

10.0 REFERENCES

10.1 PERSONS CONTACTED

- Mr. Bob Baernkopf, Supply Technician, Sharff USAR Center, Portland, Oregon, (206) 391-4278, September 7, 2006.
- Ms. Wilson, Staff Administrator, Sharff USAR Center, Portland, Oregon, September 7, 2006.
- Mr. Edward D. Williams, Pastor of Administration, Mt. Olivet Baptist Church, Portland, Oregon, (503) 240-7729, September 7, 2006.
- Mr. Bill J. Schell, Facility Operation Specialist, Sharff USAR Center, Portland, Oregon, (206) 391-4279, September 8, 2006.
- Mr. Patrick Marchman, Environmental Program Manger, ICI, LLC, U.S. Army Reserves 70th Regional Readiness Command, (206) 301-2091, September 11, 2006.
- Mr. Clark Niewendorp, Minerals Resource Geologist, Oregon Department of Geology and Mineral Industries, March, 2007.

10.2 RESOURCES CONSULTED

- Environmental Data Resources, Inc. (EDR) Report for the 2LT Alfred Sharff USAR Center, July 14, 2006.
- Federal Regulatory Databases
 - National Priorities List (NPL), April 19, 2006
 - Proposed NPL Sites, April 19, 2006
 - Delisted NPL Sites, April 19, 2006
 - Federal Superfund Liens (NPL Liens), October 15, 1991
 - Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), February 1, 2006
 - CERCLIS No Further Remedial Action Planned Sites (NFRAP), February 1, 2006

- Resource Conservation and Recovery Information System (RCRIS) Corrective Action Sites (CORRACTS), March 15, 2005
- Resource Conservation and Recovery Act Information (RCRA), March 9, 2006
- Emergency Response Notification System (ERNS), December 31, 2005
- Engineering Controls Sites List (US ENG CONTROLS), March 21, 2006
- Listing of Brownfields Sites, April 26, 2006
- Superfund Consent Decrees, December 14, 2004
- Records of Decision (ROD), March 13, 2006
- Department of Defense Sites, December 31, 2004
- Uranium Mill Tailings Sites, November 4, 2005
- Open Dump Inventory (ODI), June 30, 1985
- Toxic Chemical Release Inventory System (TRIS), December 31, 2003
- Toxic Substances Control Act (TSCA), December 31, 2002
- FIFRA/TSCA Tracking System, March 29, 2006
- FTTS INSP, March 31, 2006
- Section 7 Tracking Systems (SSTS), December 31, 2004
- Integrated Compliance Information System (ICIS), February 13, 2006
- PCB Activity Database System (PADS), December 27, 2005
- Material Licensing Tracking System (MLTS), April 12, 2006
- Mines Master Index File (MINES), February 9, 2006
- Facility Index System/Facility Registry System (FINDS), April 27, 2006
- RCRA Administrative Action Tracking System (RAATS), April 17, 1995
- Biennial Reporting System (BRS), December 31, 2003

- State and Local Regulatory Databases
 - Environmental Cleanup Site Information System, May 01 2006
 - Confirmed Release List and Inventory, March 15, 2006
 - Solid Waste Facilities List, April 11 2006
 - Underground Injection Control Program Database, April 27, 2006
 - Old Closed SW Disposal Sites, April 1, 2000
 - Leaking Underground Storage Tank Database, January 12, 2006
 - Area of Concern: Columbia Slough, October 3, 2002
 - Area of Concern: East Multnomah County Area, October 7, 2002
 - Underground Storage Tank Database, January 3, 2006
 - Aboveground Storage Tanks, January 1, 2006
 - Manifest Information, December 31, 2004
 - Spill Data, March 22, 2006
 - Hazmat/Incidents, August 31, 2004
 - Engineering Controls Recorded at ESCI Sites, May 1, 2006
 - Institutional Controls Recorded at ESCI Sites, May 1, 2006
 - Voluntary Cleanup Program Sites, February 14, 2006
 - Dry cleaning Facilities, December 1, 2005
 - Brownfields Projects, March 1, 2006
 - Uninhabitable Drug Lab Properties, March 15, 2006
 - Oregon Title V Facility Listing, December 31, 2002
 - Hazardous Substance Information Survey, January 1, 2006

- Tribal Records
 - Indian Reservations, December 31, 2004
 - Leaking Underground Storage Tanks on Indian Land, March 14, 2006
 - Underground Storage Tanks on Indian Land, April 05, 2006
- EDR Proprietary Records
 - Manufactured Gas Plants
 - Historical Auto Stations
 - Historical Cleaners
- Historical Chain of Title Report for the 2LT Alfred Sharff USAR Center, Portland, Oregon, September 16, 2006.
- Environmental Lien Search Report for the 2LT Alfred Sharff USAR Center, Portland, Oregon, September 16, 2006.
- City of Portland GIS Map website, September, 2006, <http://www.portlandmaps.com>.
- U.S. Department of Energy, Coastal Zone Management Act and Related Legislation website, September, 2006, www.eh.doe.gov/oepa/laws/czma.html.
- Orr, William N., Elizabeth L. Orr, and Ewart M. Baldwin., Geology of Oregon, 5th Ed., 1999.

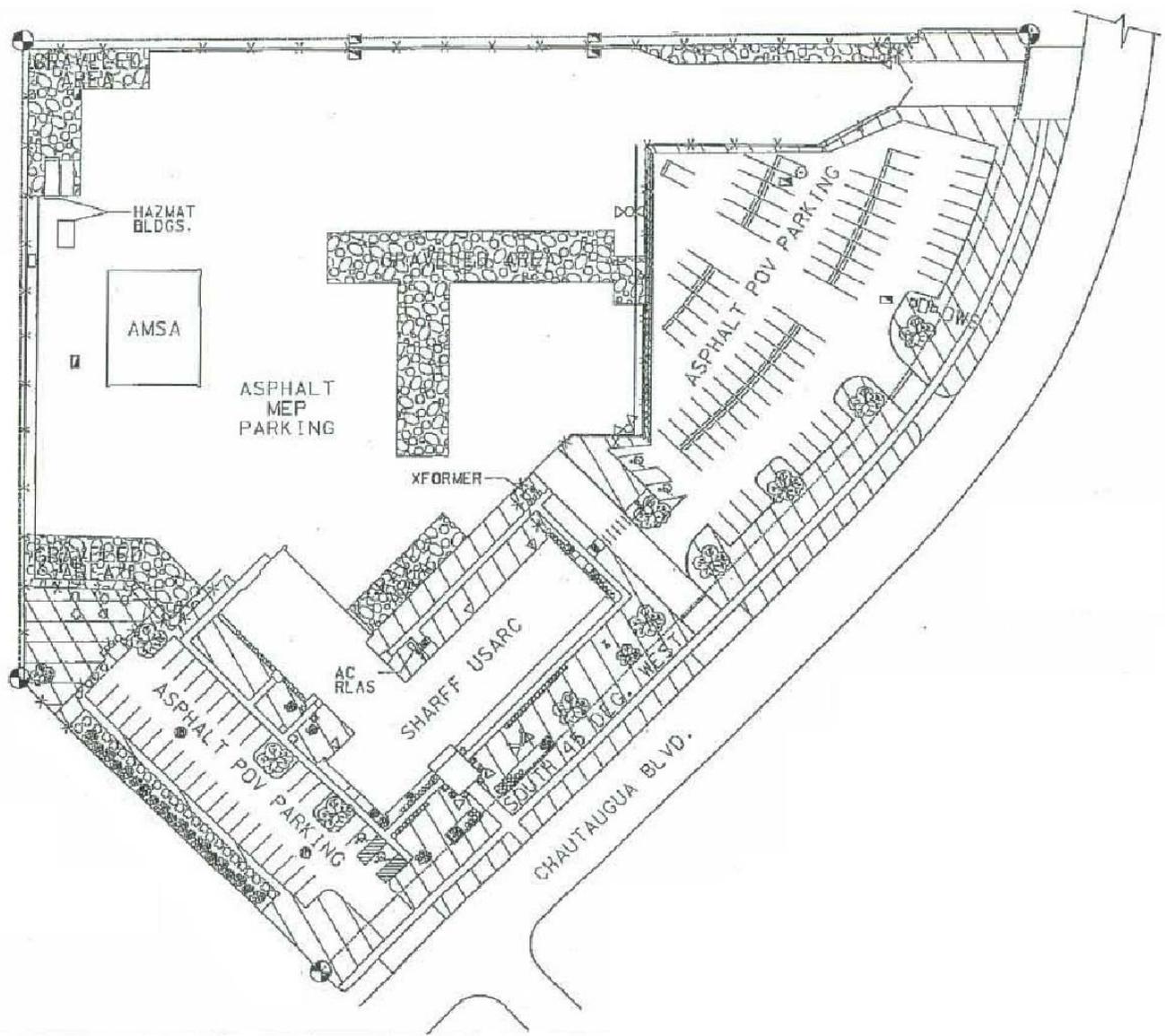
10.3 AGENCIES CONTACTED

- Oregon Department of Environmental Quality, UST Program, 811 SW 6th Avenue, Portland, Oregon, August 10, 2006.
- Oregon Department of Environmental Quality, Land Quality Division, 811 SW 6th Avenue, Portland, Oregon, August 10, 2006.
- Oregon Department of Environmental Quality, Air Quality Division, 811 SW 6th Avenue, Portland, Oregon, August 10, 2006.
- Oregon Department of Environmental Quality, Public Records Request Form, August 17, 2006.

- Oregon Department of Geology and Mineral Industries, 800 NE Oregon St., Suite 965, Portland, Oregon 97232, March, 2007.



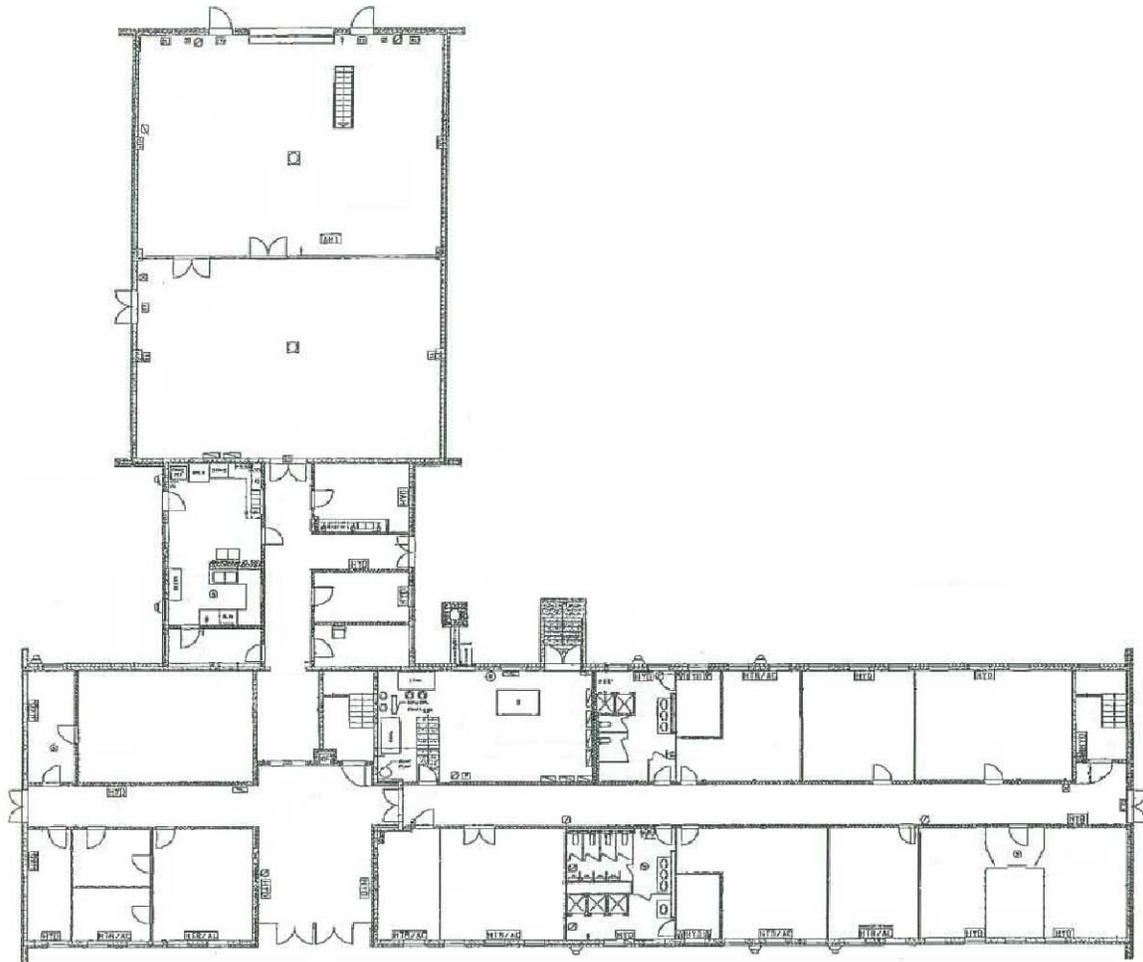
FIGURE 1
 GENERAL SITE LOCATION MAP
 2LT. ALFRED SHARFF USARC-OR009
 8801 N. CHAUTAUQUA BLVD.
 PORTLAND, OREGON



SCALE: 1" = 100'
 APPROXIMATE SCALE



FIGURE 2
 SITE LAYOUT PLAN
 2LT. ALFRED SHARFF USARC-OR009
 8801 N. CHAUTAUGUA BLVD.
 PORTLAND, OREGON



FIRST FLOOR



SCALE: 1"=60'
APPROXIMATE SCALE

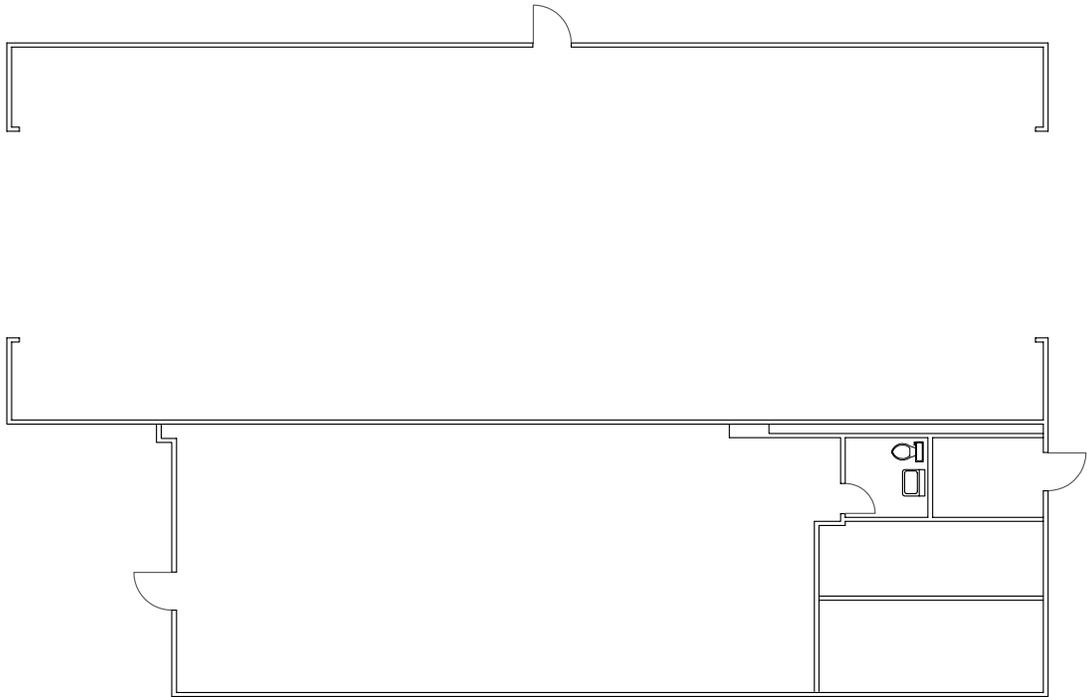


SECOND FLOOR



SCALE: 1"=60'
APPROXIMATE SCALE

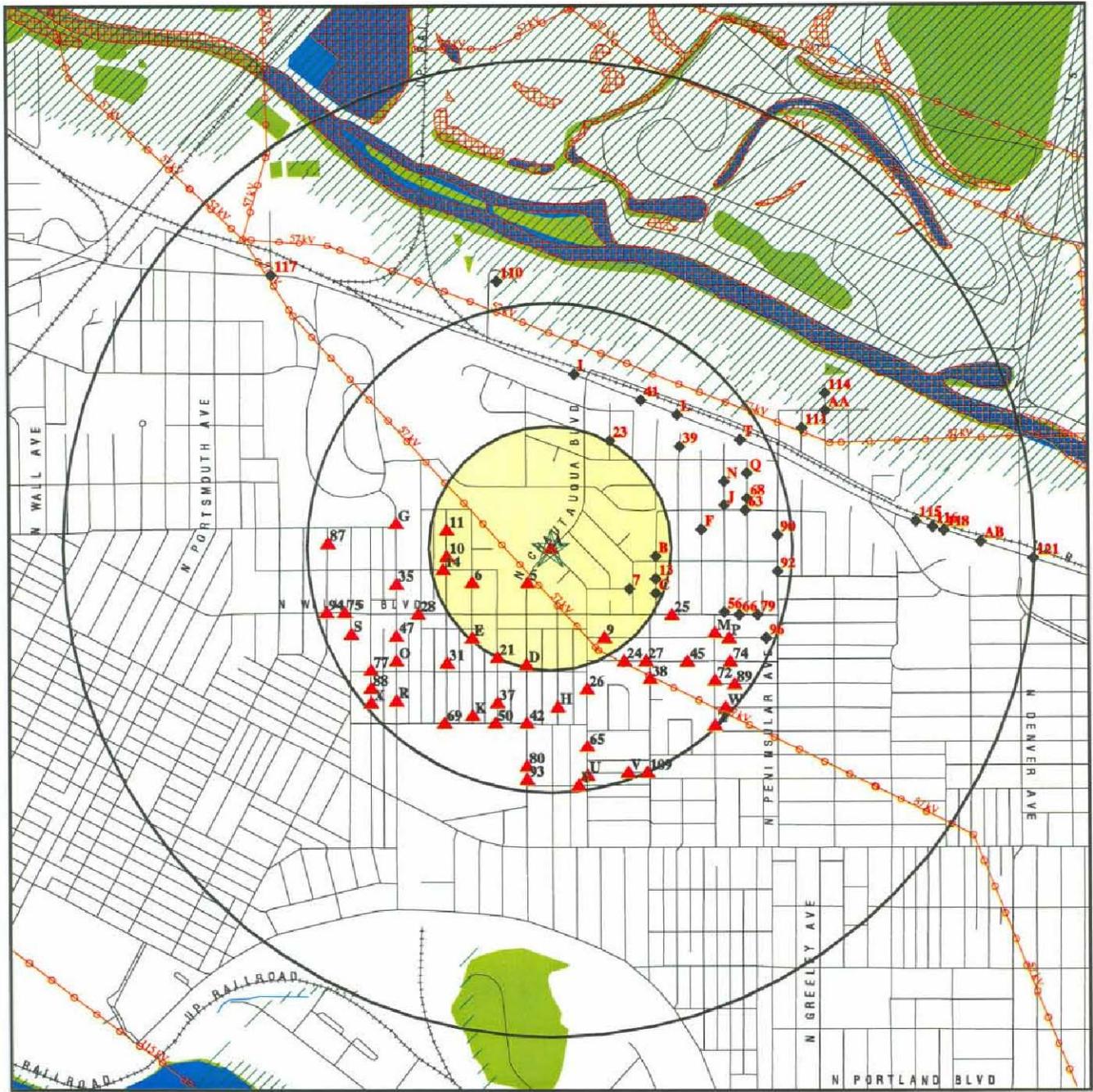
FIGURE 4
INTERIOR LAYOUT OF ADMINISTRATION BUILDING SECOND FLOOR
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



OMS BUILDING



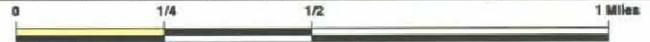
SCALE: 1" = 15'
APPROXIMATE SCALE



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

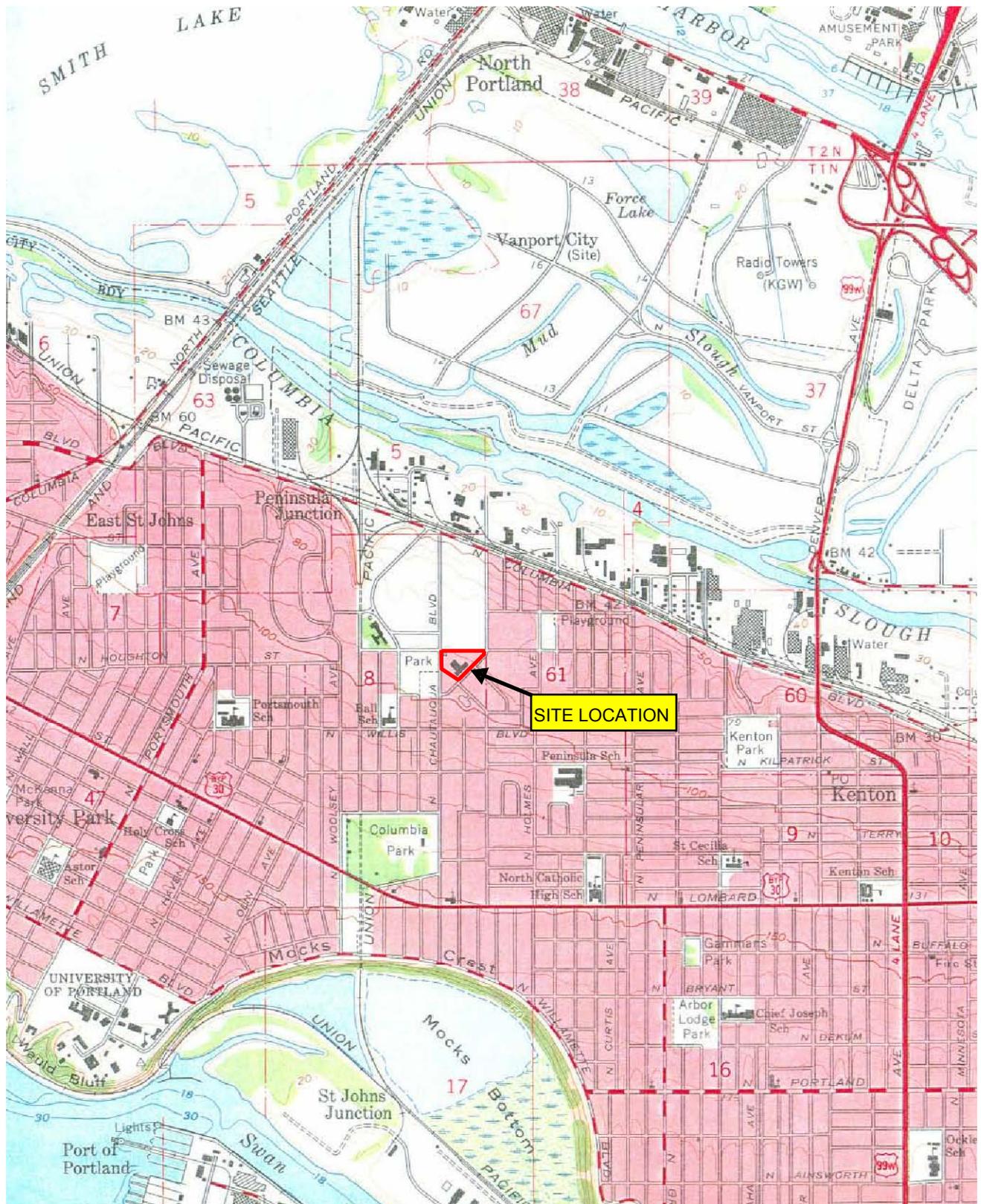
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

■ Areas of Concern



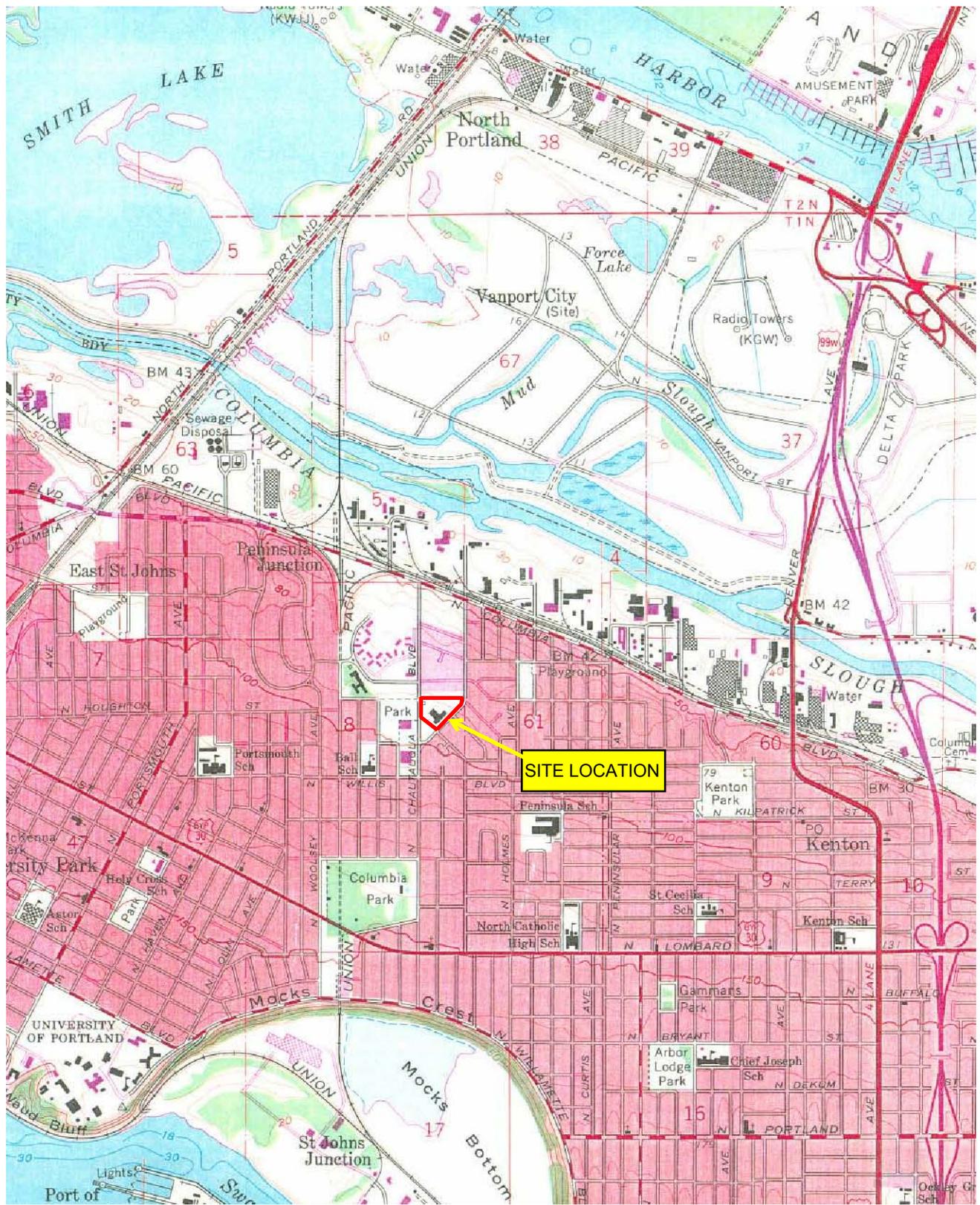
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

FIGURE 7
EDR AREA OVERVIEW MAP WITH FLOOD ZONES, AND
NATIONAL WETLAND INVENTORY INFORMATION
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



SCALE: 1:24000
 APPROXIMATE SCALE

FIGURE 9
 1961 USGS 7.5-MINUTE TOPOGRAPHIC MAP
 2LT. ALFRED SHARFF USARC-OR009
 8801 N. CHAUTAUQUA BLVD.
 PORTLAND, OREGON



SCALE: 1:24000
 APPROXIMATE SCALE

FIGURE 10
 1970 USGS 7.5-MINUTE TOPOGRAPHIC MAP
 2LT. ALFRED SHARFF USARC-OR009
 8801 N. CHAUTAUQUA BLVD.
 PORTLAND, OREGON



SCALE: 1"=750'
APPROXIMATE SCALE

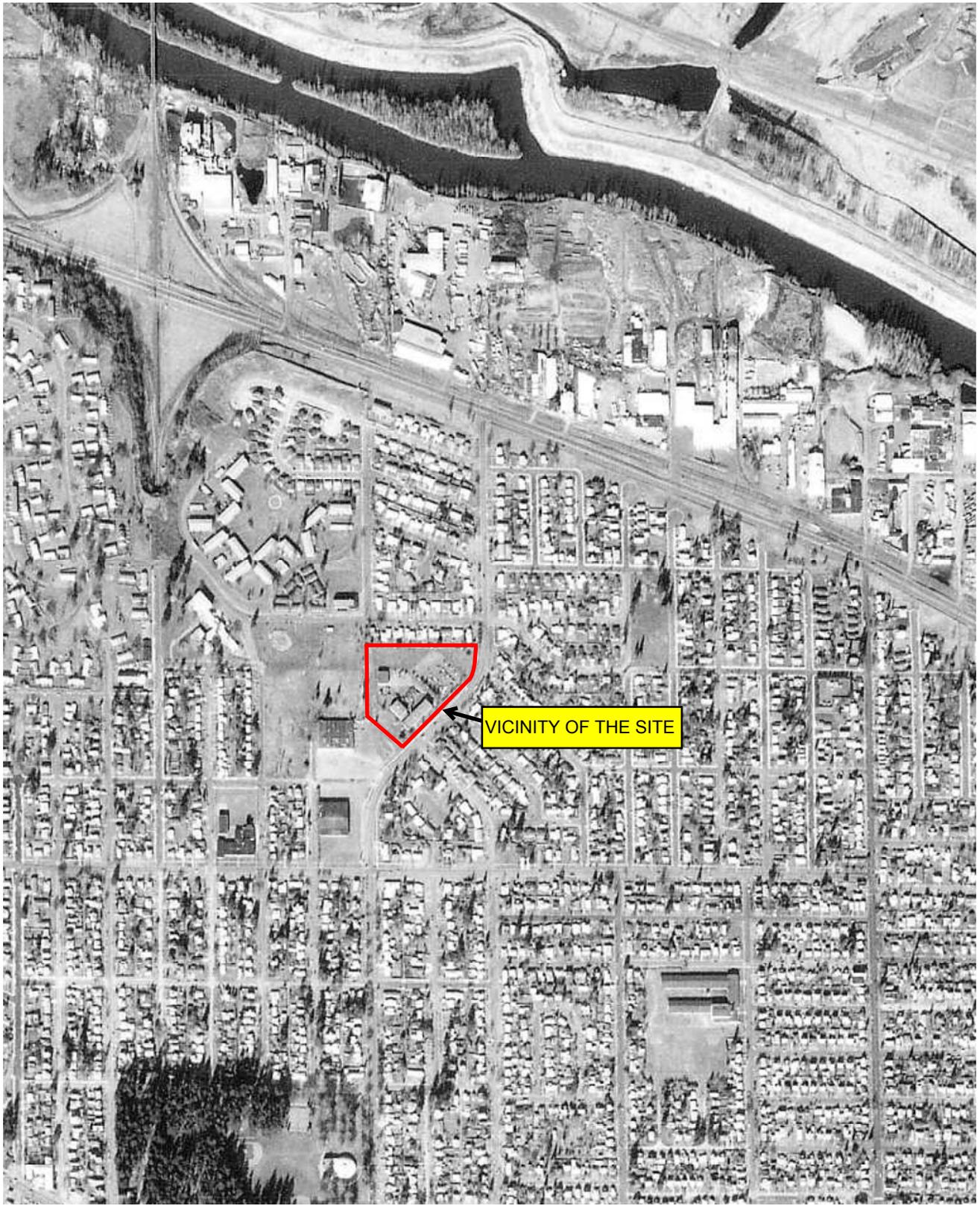
FIGURE 11
1955 AERIAL PHOTOGRAPH
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



SCALE: 1"=750'
APPROXIMATE SCALE



FIGURE 12
1970 AERIAL PHOTOGRAPH
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



SCALE: 1"=750'
APPROXIMATE SCALE

FIGURE 13
1984 AERIAL PHOTOGRAPH
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



SITE LOCATION

SCALE: UNKNOWN
APPROXIMATE SCALE



FIGURE 14
1994 AERIAL PHOTOGRAPH
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



SITE LOCATION

SCALE: 1" = 175'
APPROXIMATE SCALE



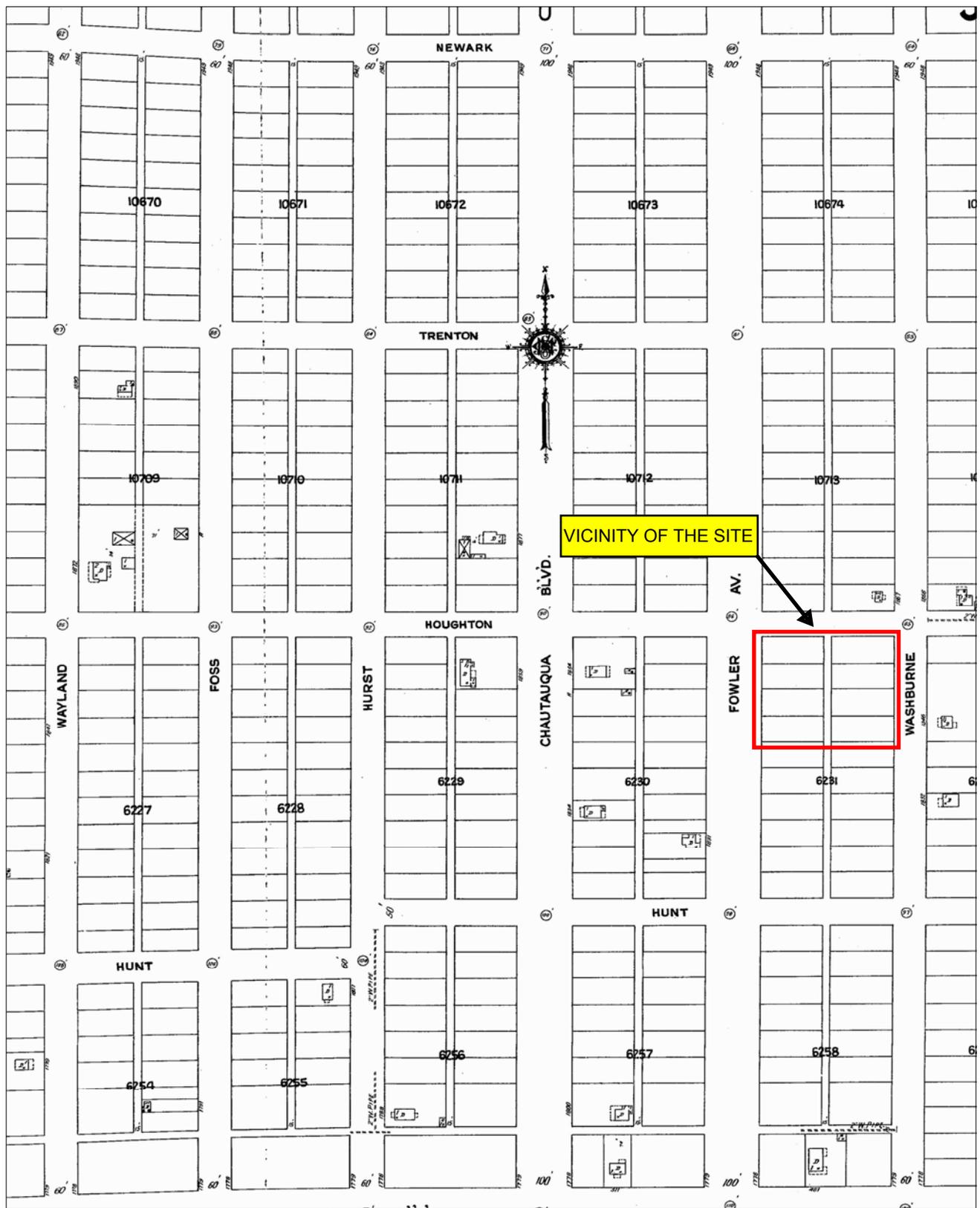
FIGURE 15
2000 AERIAL PHOTOGRAPH
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



SCALE: 1" = 175'
APPROXIMATE SCALE

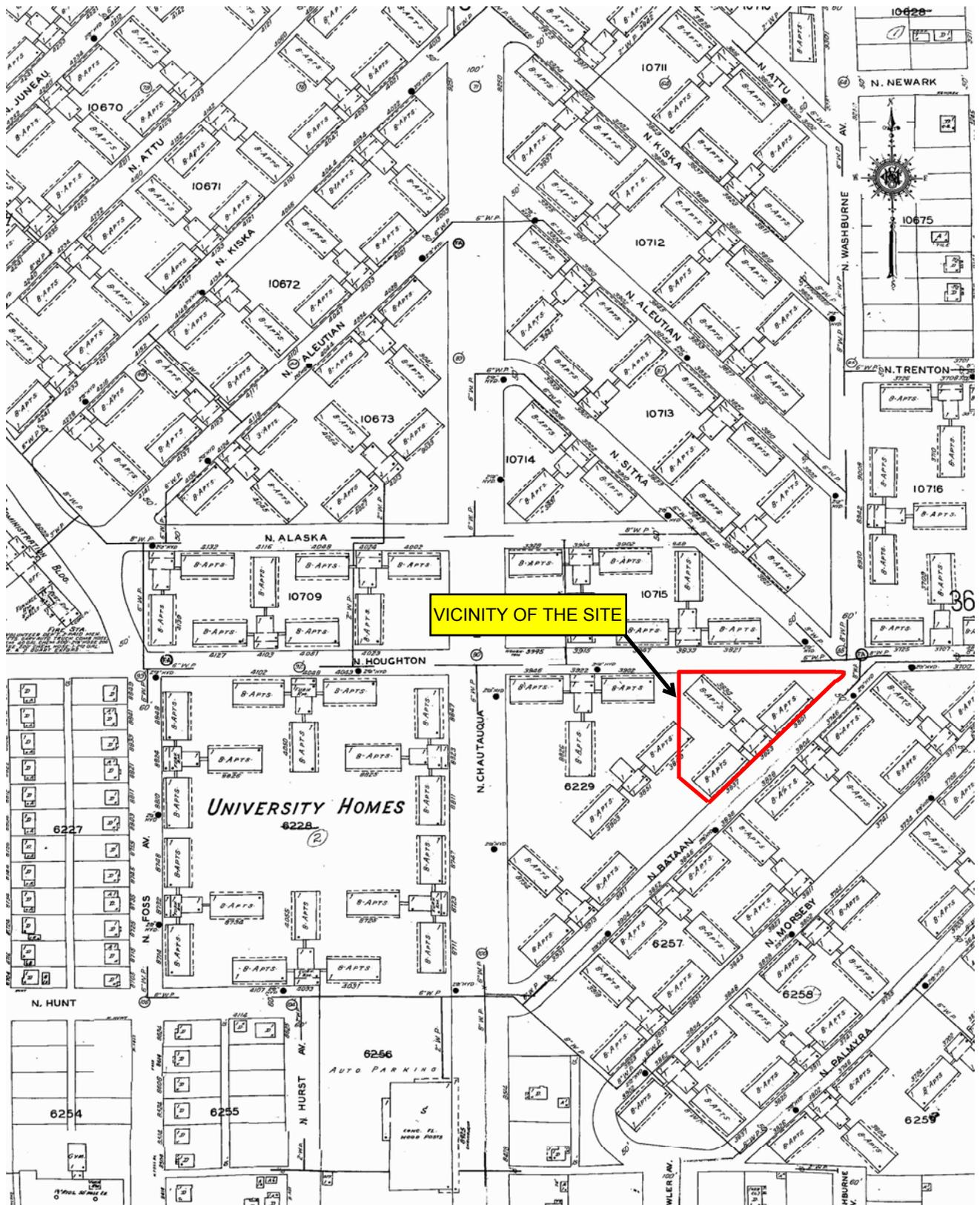


FIGURE 16
2005 AERIAL PHOTOGRAPH
2LT. ALFRED SHARFF USARC-OR009
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OREGON



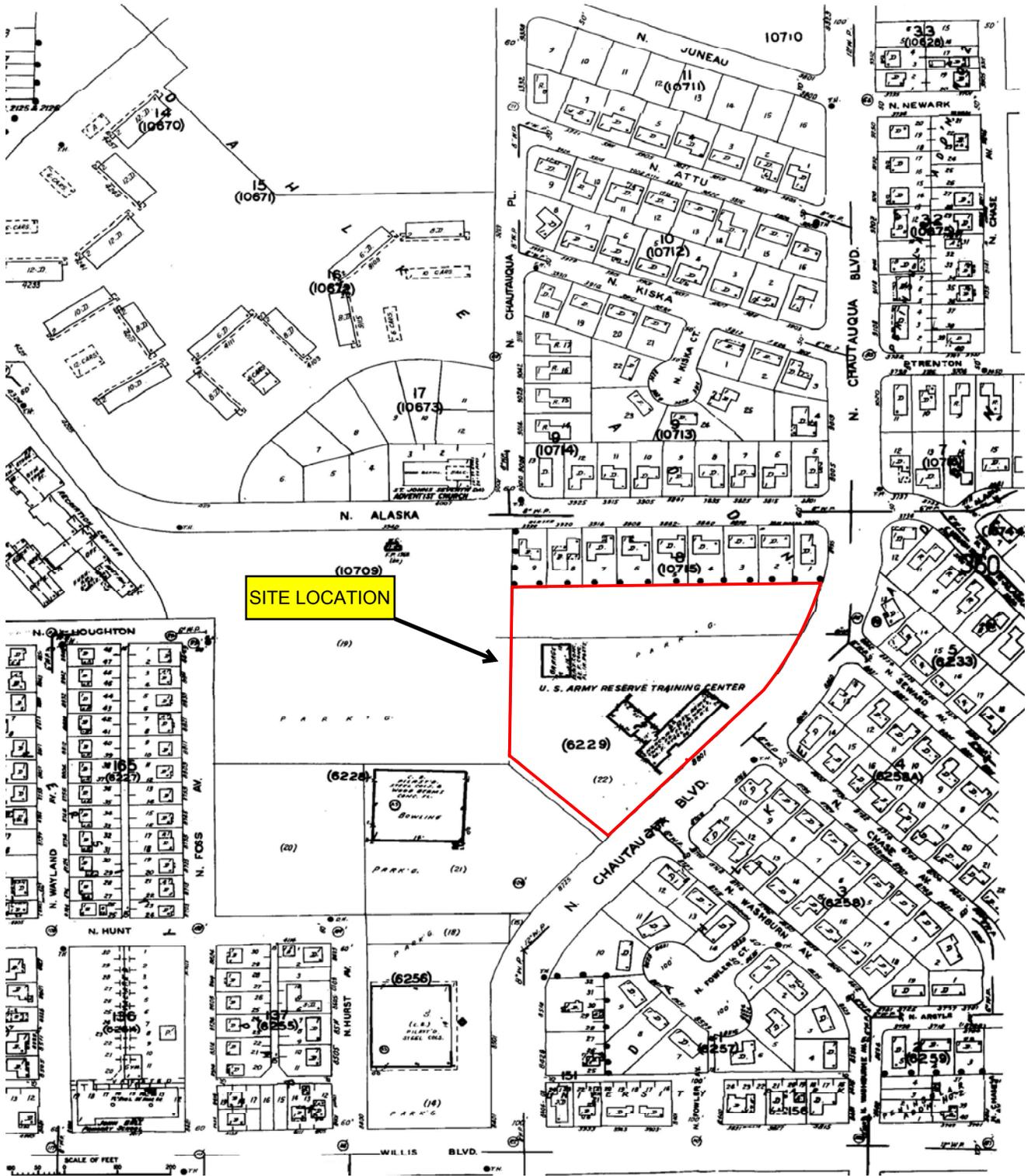
SCALE: 1"=250'
 APPROXIMATE SCALE

FIGURE 17
 1924 SANBORN FIRE INSURANCE MAP
 2LT. ALFRED SHARFF USARC-OR009
 8801 N. CHAUTAUQUA BLVD.
 PORTLAND, OREGON



SCALE: 1"=250'
 APPROXIMATE SCALE

FIGURE 18
 1950 SANBORN FIRE INSURANCE MAP
 2LT. ALFRED SHARFF USARC-OR009
 8801 N. CHAUTAUQUA BLVD.
 PORTLAND, OREGON



SCALE: 1"=250'
 APPROXIMATE SCALE

FIGURE 19
 1969 SANBORN FIRE INSURANCE MAP
 2LT. ALFRED SHARFF USARC-OR009
 8801 N. CHAUTAUQUA BLVD.
 PORTLAND, OREGON



Photograph 1. POV area on southwest side of USARC administration building



Photograph 2. POV area on northeast side of administration building



Photograph 3. Asphalt MEP area with vehicles and administration building



Photograph 4. Asphalt MEP area with vehicles and administration building



Photograph 5. Asphalt MEP area with vehicles



Photograph 6. Fenced equipment entrance in northeast corner of property



Photograph 7. Landscaping on east side of administration building



Photograph 8. Southeast (front) view of administration building



Photograph 9. Southeast view of administration building and lawn



Photograph 10. Southwest corner of administration building



Photograph 11. Northeast side of administration building



Photograph 12. Northwest exterior of administration building



Photograph 13. Exterior of drill hall



Photograph 14. Front entry of administration building



Photograph 15. Typical hallway in administration building



Photograph 16. Typical classroom in administration building



Photograph 17. Typical office setup in administration building



Photograph 18. Former firing range, now weight room



Photograph 19. Interior of drill hall



Photograph 20. Mezzanine area behind drill hall with company equipment



Photograph 21. Company equipment cage near drill hall



Photograph 22. Kitchen area



Photograph 23. Boiler in mechanical room



Photograph 24. Sump in corner behind boiler piping



Photograph 25. Air conditioner units next to mechanical room door



Photograph 26. South side of OMS



Photograph 27. OMS exterior looking west



Photograph 28. OMS exterior looking south



Photograph 29. New part of OMS interior



Photograph 30. Old part of OMS interior



Photograph 31. Used oil AST



Photograph 32. Oil filter crusher adjacent and connected to used oil AST



Photograph 33. Electric air compressor in OMS



Photograph 34. Drum room on with exterior door on north side of OMS



Photograph 35. Hazmat sheds



Photograph 36. CONEX containers on northwest corner of property



Photograph 37. Empty 5 gallon fuel cans and portable generator in hazmat shed



Photograph 38. Cabinet in hazmat shed with aerosols and cleaners



Photograph 39. Empty drums, oxygen and acetylene gas, and empty fire extinguishers



Photograph 40. Oil/water separator adjacent to Chautauqua Boulevard



Photograph 41. Homes along Alaska St. north of USAR Center



Photograph 42. View north along Chautauqua Blvd. USAR Center (left), and homes (right)



Photograph 43. Mt. Olivet Baptist Church administration building southwest of Site



Photograph 44. University Park looking towards USAR Center



2055 East Rio Salado Parkway, Suite 201
Tempe, Arizona 85281
Phone: (480) 967-6752
Fax Number: (480) 966-9422
Web Site: www.netronline.com

HISTORICAL CHAIN OF TITLE REPORT

**2LT ALFRED SHARFF USARC
8801 N CHAUTAUQUA BLVD
PORTLAND, OREGON**

Submitted to:

**ENVIRONMENTAL DATA RESOURCES, INC.
C/O
FMSM ENGINEERS, INC.
1901 Nelson Miller Parkway
Louisville, Kentucky 40223
(502) 212-5000**

Attention: Robert Newman

Project No. N06-5244

Saturday, September 16, 2006

NETR- Real Estate Research & Information hereby submits the following ASTM historical chain-of-title to the land described below, subject to the leases/miscellaneous shown in Section 2. Title to the estate or interest covered by this report appears to be vested in:

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that parcel or tract of land, consisting of 4.93 acres, more or less, known as Tract A-100, situated and lying in the Northeast ¼ of Section 8, Township 1 North, Range 1 East of the Willamette Meridian in the City of Portland, Multnomah County, State of Oregon

Assessor's Parcel No: 01N01E08AD and Property ID: R314794

1. HISTORICAL CHAIN OF TITLE

1. QUIT CLAIM DEED:

RECORDED: 09-02-1952
GRANTOR: United States of America, acting by and through the
Public Housing Administration
GRANTEE: Housing Authority of Portland
INSTRUMENT: Bk 1555, Pg 507

2. DEED:

RECORDED: 03-11-1958
GRANTOR: Housing Authority of Portland
GRANTEE: United States of America
INSTRUMENT: Bk 1887, Pg 550

2. LEASES AND MISCELLANEOUS

1. No institutional controls or engineering controls were found of record.

3. LIMITATION

This report was prepared for the use of Environmental Data Resources, Inc., and FMSM Engineers, Inc., exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NETR- Real Estate Research & Information does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.



The EDR Environmental Lien Search Report

**2LT ALFRED SHARFF USARC
8801 N. CHAUTAUQUA BLVD
PORTLAND, OREGON**

Saturday, September 16, 2006

Project Number: L06-4545

The Standard In Environmental Risk Management Information

**440 Wheelers Farm Road
Milford, Connecticut 06460**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802**

ENVIRONMENTAL LIEN REPORT

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

**2LT ALFRED SHARFF USARC
8801 N. CHAUTAUQUA BLVD
PORTLAND, OREGON**

DEED INFORMATION

Type of Deed: WD QCD Other DEED

Title is vested in: United States of America

Title received from: Housing Authority of Portland

Deed Dated: 03-04-1958

Deed Recorded: 03-11-1958

Book: 1887

Page: 550

LEGAL DESCRIPTION

Description: Being that parcel or tract of land, consisting of 4.93 acres, more or less, known as Tract A-100, situated and lying in the Northeast ¼ of Section 8, Township 1 North, Range 1 East of the Willamette Meridian in the City of Portland, Multnomah County, State of Oregon

Assessor's Parcel Number: 01N01E08AD and Property ID: R314794

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

1st Party:

2nd Party:

Recorded:

Book:

Page:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found Not Found

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

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EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

2LT ALFRED SHARFF USARC
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OR 97217

Inquiry Number: 1715536.62

Tuesday, July 18, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1964 through 1996. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: July 18, 2006

Target Property:

8801 N. CHAUTAUQUA BLVD.
PORTLAND, OR 97217

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	US Dept Of Defense (Army Reserve Ctr)	Polk's City Directory
1969	US Dept Of Defense (Army Reserve Ctr)	Polk's City Directory
1974	US Dept Of Defense (Army Reserve Ctr)	Polk's City Directory
1979	US Dept Of Defense (Army Reserve Ctr)	Polk's City Directory
1986	US Army Reserve (Sharff Hall Training Ctr)	Polk's City Directory
1996	US Army Reserve	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
PORTLAND, OR 97217

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	<u>**N CHAUTAUQUA BLVD**</u>	Polk's City Directory
	Chautauqua Lanes Corp (bow ling) (8725)	Polk's City Directory
	Residence (8756)	Polk's City Directory
	Residence (8766)	Polk's City Directory
	Address not listed in research source (8826)	Polk's City Directory
	Address not listed in research source (8860)	Polk's City Directory
	Address not listed in research source (8935)	Polk's City Directory
1969	<u>**N CHAUTAUQUA BLVD**</u>	Polk's City Directory
	Portland Sports Arena (8725)	Polk's City Directory
	Sport Center Concession (8725)	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1969	Residence (8756)	Polk's City Directory
	Address not listed in research source (8766)	Polk's City Directory
	Residence (8826)	Polk's City Directory
	Residence (8860)	Polk's City Directory
	Residence (8935)	Polk's City Directory
1974	<u>**N CHAUTAUQUA BLVD**</u>	Polk's City Directory
	Portland Sports Arena (8725)	Polk's City Directory
	Sport Arena Flea Market (8725)	Polk's City Directory
	Residence (8756)	Polk's City Directory
	Residence (8766)	Polk's City Directory
	Residence (8826)	Polk's City Directory
	Residence (8860)	Polk's City Directory
	Residence (8935)	Polk's City Directory
1979	<u>**N CHAUTAUQUA BLVD**</u>	Polk's City Directory
	Portland Sports Arena (8725)	Polk's City Directory
	Barr's Sandy Flea Mart (8725)	Polk's City Directory
	Residence (8756)	Polk's City Directory
	Residence (8766)	Polk's City Directory
	Residence (8826)	Polk's City Directory
	Residence (8860)	Polk's City Directory
	Residence (8935)	Polk's City Directory
1986	<u>**N CHAUTAUQUA BLVD**</u>	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Portland Sports Arena (8725)	Polk's City Directory
	Barr's Sandy Flea Mart (8725)	Polk's City Directory
	Vacant (8756)	Polk's City Directory
	Residence (8766)	Polk's City Directory
	Vacant (8826)	Polk's City Directory
	Residence (8860)	Polk's City Directory
	Adult Foster Home (8935)	Polk's City Directory
1996	<u>**N CHAUTAUQUA BLVD**</u>	Polk's City Directory
	Song Of Hope Church (8725)	Polk's City Directory
	Residence (8766)	Polk's City Directory
	No other addresses 8700-8999	Polk's City Directory



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**2LT ALFRED SHARFF USARC
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OR 97217**

Inquiry Number: 01715536.58r

July 14, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	188
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-19

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

8801 N. CHAUTAUQUA BLVD.
PORTLAND, OR 97217

COORDINATES

Latitude (North): 45.586000 - 45° 35' 9.6"
Longitude (West): 122.706900 - 122° 42' 24.8"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 522864.8
UTM Y (Meters): 5047875.0
Elevation: 98 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 45122-E6 PORTLAND, OR
Most Recent Revision: 1990

TARGET PROPERTY SEARCH RESULTS

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

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
US ARMY CORPS - PORTLAND ARMY RES 8801 N CHAUTAUQUA BLVD PORTLAND, OR 97217	LUST Cleanup Complete: 24-Oct-95	N/A
SHARIFF HALL/US ARMY RESERVE CENT 8801 N CHAUTAUQUA BLVD PORTLAND, OR 97217	LUST Cleanup Complete: 22-Oct-01	N/A
SHARFF HALL, US ARMY RESERVES 8801 N CHAUTAUQUA BLVD PORTLAND, OR 97217	UST	N/A
US ARMY RESERVE CENTER SHARFF 8801 N CHAUTAUQUA BLVD PORTLAND, OR 97217	RCRA-SQG FINDS OR MANIFEST	OR0000141994

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

UIC	Underground Injection Control Program Database
HIST LF	Old Closed SW Disposal Sites
AST	Aboveground Storage Tanks
OR SPILLS	Spill Data
OR HAZMAT	Hazmat/Incidents
ENG CONTROLS	Engineering Controls Recorded at ESCI Sites
INST CONTROL	Institutional Controls Recorded at ESCI Sites
DRYCLEANERS	Drycleaning Facilities
BROWNFIELDS	Brownfields Projects
CDL	Uninhabitable Drug Lab Properties
AIRS	Oregon Title V Facility Listing

EXECUTIVE SUMMARY

HSIS..... Hazardous Substance Information Survey

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations

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

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

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

EDR Historical Auto StationsEDR Proprietary Historic Gas Stations

EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

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

FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/01/2006 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NORTHWEST CAST METAL PRODUCTS	9200 N ENDICOTT	1/4 - 1/2NE	39	22

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

EXECUTIVE SUMMARY

hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MT OLIVET BAPTIST CHURCH	8501 N CHAUTAUQUA BLVD	0 - 1/8 SW	5	7

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 04/26/2006 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COLUMBIA VILLA PROPERTY	8910 WOOLSEY AVE, WITHI	1/4 - 1/2 W	G32	14

STATE AND LOCAL RECORDS

ECSI: The Environmental Cleanup Site Information System records information about sites in Oregon that may be of environmental interest. The data come from the Department of Environmental Quality.

A review of the SHWS - ECSI list, as provided by EDR, and dated 05/01/2006 has revealed that there are 15 SHWS - ECSI sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COLUMBIA VILLA MAINTENANCE FAC	8910 N WOOLSEY CT	1/4 - 1/2 W	G33	14
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AIRGAS NOR PAC	3591 N COLUMBIA BLVD.	1/4 - 1/2 NNE	41	22
MITCHELL BROTHERS TRUCK LINES	3841 N COLUMBIA BLVD.	1/4 - 1/2 N	I43	30
<i>Not reported</i>	3131 N COLUMBIA BLVD	1/4 - 1/2 ENE	T85	45
PACIFIC CARBIDE & ALLOYS CO.	9901 N HURST AVE.	1/2 - 1 N	110	61
NW CAST/UNIVERSAL SILVER	9233 N CALVERT AVE.	1/2 - 1 ENE	111	75
PACIFIC MEAT CO.	2701 N NEWARK ST	1/2 - 1 ENE	AA113	102
GALLUS, INC	9425 N BURRAGE AVE	1/2 - 1 ENE	114	118
GENERAL ELECTRIC INDUSTRIAL CO	2410 N COLUMBIA BLVD	1/2 - 1 E	115	121
GOODYEAR DISTRIBUTION CENTER #	2344 NORTH COLUMBIA BOU	1/2 - 1 E	116	128
<i>Not reported</i>	5001 N COLUMBIA BLVD	1/2 - 1 NW	117	132
<i>Not reported</i>	2301 N COLUMBIA	1/2 - 1 E	118	145
BLASEN & BLASEN LUMBER CO	2155 N COLUMBIA BLVD	1/2 - 1 E	AB119	165
FERGUSON ENTERPRISES INC	2121 N COLUMBIA BLVD	1/2 - 1 E	AB120	174
FAMILIAN NW	1945 N COLUMBIA BLVD	1/2 - 1 E	121	183

EXECUTIVE SUMMARY

OR CRL: Sites that are or may be contaminated and may require cleanup.

A review of the OR CRL list, as provided by EDR, and dated 03/15/2006 has revealed that there are 4 OR CRL sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC CARBIDE & ALLOYS CO.	9901 N HURST AVE.	1/2 - 1 N	110	61
NW CAST/UNIVERSAL SILVER	9233 N CALVERT AVE.	1/2 - 1 ENE	111	75
PACIFIC MEAT CO.	2701 N NEWARK ST	1/2 - 1 ENE	AA112	101
Not reported	2301 N COLUMBIA	1/2 - 1 E	118	145

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Closure & Regular Solid Waste Active Disposal Permits database.

A review of the SWF/LF list, as provided by EDR, and dated 04/11/2006 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MALARKEY LANDFILL	3131 N COLUMBIA BLVD	1/4 - 1/2 ENE	T83	44

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

A review of the LUST list, as provided by EDR, and dated 01/12/2006 has revealed that there are 98 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PAGE, HEIDI Cleanup Complete: 17-Jun-02	8614 N FOSS	1/8 - 1/4 WSW	6	8
BROWN JR., S HOT Cleanup Complete: 9-Sep-92	3717 N ARLINGTON PLACE	1/8 - 1/4 SSE	9	9
BRANNON, GAYLEN Cleanup Complete: 8-Aug-03	8745 N WAYLAND	1/8 - 1/4 W	10	9
HOLEN, ERIC	8831 N WAYLAND	1/8 - 1/4 W	11	9
FANNIE MAE Cleanup Complete: 15-Jun-04	4315 N HUNT	1/8 - 1/4 W	14	10
OSWALD ESTATE Cleanup Complete: 14-Dec-01	8224 N CHAUTAUQUA BLVD	1/8 - 1/4 SSW	D17	11
FITZSIMONS, BEN Cleanup Complete: 17-Oct-05	8315 N FOSS AVE	1/8 - 1/4 SW	E18	11
WILLIAMS, ART Cleanup Complete: 3-Apr-02	8308 N FOSS AVENUE	1/8 - 1/4 SW	E19	11
EILERSTON, STEVE Cleanup Complete: 25-May-04	8215 N CHATAUQUA BOULE	1/8 - 1/4 SSW	D20	11
ROGERS, J HOT Cleanup Complete: 6-Apr-00	8248 N HURST AVENUE	1/8 - 1/4 SSW	21	12
ARTHUR, GERALD Cleanup Complete: 1-Apr-02	8210 N CHAUTAUQUA	1/4 - 1/2 SSW	D22	12

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TYNER, DARYL Cleanup Complete: 7-Aug-01	3623 N HALLECK	1/4 - 1/2 SSE	24	12
FLESKES, D HOT	3430 N WILLIS BLVD	1/4 - 1/2 ESE	25	12
MARTINELLI, R HOT	8101 N WASHBURNE	1/4 - 1/2 SSE	26	13
CAUBLE, W HOT Cleanup Complete: 16-Sep-94	3520 N HALLECK	1/4 - 1/2 SE	27	13
WECKER CONSTRUCTION, HOT	4414 N. WILLIS	1/4 - 1/2 WSW	28	13
WAKEFIELD, DAN Cleanup Complete: 13-Nov-03	8229 N WAYLAND AVE	1/4 - 1/2 SW	31	14
COLUMBIA VILLA MAINTENANCE FAC Cleanup Complete: 10-Apr-96 Cleanup Complete: 26-Nov-90	8910 N WOOLSEY CT	1/4 - 1/2 W	G33	14
CAILLOVETTE, VINCE HOT	8000 N FOWLER	1/4 - 1/2 S	H34	20
BONDY, GAVIN Cleanup Complete: 30-Oct-03	8603 N WOOLSEY AVENUE	1/4 - 1/2 WSW	35	21
ESTATE OF CORINE V. TORGERSON Cleanup Complete: 31-May-00	4518 N HOUGHTON	1/4 - 1/2 W	G36	21
MC COY, JOHN HOT Cleanup Complete: 22-Dec-99	8019 N HURST AVENUE	1/4 - 1/2 SSW	37	21
BERRY, ROBERT Cleanup Complete: 15-Jan-04	8106 N WABASH AVE	1/4 - 1/2 SE	38	21
WRIGHT, PHYLLIS Cleanup Complete: 12-Oct-05	7936 N FOWLER AVE	1/4 - 1/2 S	H40	22
SMITH, PAULA Cleanup Complete: 17-Jun-02	7904 N CHAUTAUQUA	1/4 - 1/2 S	42	30
CUBBISON, DALE Cleanup Complete: 15-Dec-03	3327 N HALLECK STREET	1/4 - 1/2 SE	45	34
POLLOCK, DAVID Cleanup Complete: 25-Jul-00	8321 N WOOLSEY	1/4 - 1/2 WSW	47	35
BONEBRAKE, PHYLLIS Cleanup Complete: 2-Mar-05	4109 N WINCHELL	1/4 - 1/2 SSW	50	35
MACDONALD, CLARA II Cleanup Complete: 4-Oct-04	7945 N FOSS	1/4 - 1/2 SSW	K51	36
MACDONALD, JAMES Cleanup Complete: 22-Jan-04	7945 N FOSS AVENUE	1/4 - 1/2 SSW	K52	37
GLASS, JAMES	8323 N EMERALD	1/4 - 1/2 ESE	M54	37
NOLD, RONALD Cleanup Complete: 7-Aug-01	8236 N WOOLSEY	1/4 - 1/2 SW	O60	39
SCHLAFLE, JACK Cleanup Complete: 30-May-02	3181 N ARLINGTON PL	1/4 - 1/2 ESE	M61	39
MCDONALD, ALLEN Cleanup Complete: 13-May-05	8227 N WOOLSEY AVE	1/4 - 1/2 SW	O62	39
ADAM, D HOT	3155 N ARLINGTON PLACE	1/4 - 1/2 ESE	P64	40
ESTATE OF R W LINDSAY Cleanup Complete: 3-Jul-01	7818 N WASHBURNE	1/4 - 1/2 S	65	40
LUANGPHASY, S HOT Cleanup Complete: 22-May-97	3145 N ARLINGTON PLACE	1/4 - 1/2 ESE	P67	40
COVER, MICHAEL Cleanup Complete: 20-May-02	4311 N WINCHELL ST	1/4 - 1/2 SSW	69	41

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BIRDWELL, ROB Cleanup Complete: 23-Sep-02	3121 N ARLINGTON PL	1/4 - 1/2ESE	P71	41
LOPEZ, LETICIA Cleanup Complete: 29-Mar-01	8116 N EMERALD AVE	1/4 - 1/2SE	72	42
MATTOX VACANT RESIDENCE Cleanup Complete: 7-Nov-00	3150 N HALLECK	1/4 - 1/2ESE	74	42
FREEMAN, PATRICIA Cleanup Complete: 21-Oct-04	4729 N WILLIS BLVD	1/4 - 1/2WSW	75	42
PAUL ROBEDEAU Cleanup Complete: 4-Feb-03	8031 N. WOOLSEY AVENUE	1/4 - 1/2SW	R76	42
ST. MARTIN, KENNAN Cleanup Complete: 22-Jun-05	8205 N DWIGHT	1/4 - 1/2SW	77	43
PERKINS, EUGENE & ANNE Cleanup Complete: 28-Mar-05	8325 N NEWMAN	1/4 - 1/2WSW	S78	43
MALONEY, GINA Cleanup Complete: 21-Jun-00	7728 N CHAUTAUQUA BLVD	1/4 - 1/2S	80	43
PETRICK, CHERYL Cleanup Complete: 11-Dec-02	8011 N WOOLSEY AVE	1/4 - 1/2SW	R81	44
HEIDEL, LOWELL Cleanup Complete: 3-Sep-04	8311 N NEWMAN	1/4 - 1/2WSW	S82	44
HENRY, WAYNE & ROXANNE	8000 N WOOLSEY AVENUE	1/4 - 1/2SW	R86	56
MULLINS, SHARON HOT	8825 N FISKE	1/4 - 1/2W	87	56
DURAN, JOSEPH Cleanup Complete: 9-Aug-04	8102 N. DWIGHT AVE	1/4 - 1/2SW	88	56
STEFFEN, DAN Cleanup Complete: 13-Mar-06	3136 N KILPATRICK ST	1/4 - 1/2SE	89	56
COTO, JOSE Cleanup Complete: 8-Jul-04	7689 N WASHBURNE AVENUE	1/4 - 1/2S	U91	57
THORESON, JEANNE Cleanup Complete: 24-Sep-04	7676 N CHAUTAUQUA BOUL	1/4 - 1/2S	93	57
MAIER, CHRIS Cleanup Complete: 4-Jun-01	4804 N WILLIS	1/4 - 1/2WSW	94	57
LITTLE, SHARIN Cleanup Complete: 14-Dec-04	3632 N FARRAGUT STREET	1/4 - 1/2SSE	V95	58
GEISY, STEVE Cleanup Complete: 2-Mar-05	3165 N WATTS ST	1/4 - 1/2SE	W97	58
CAORLYN YOUNG NICOLE, TRUSTEE Cleanup Complete: 21-Jul-04	3605 N FARRAGUT ST	1/4 - 1/2SSE	V98	58
PHILLIPS, ROBERT Cleanup Complete: 23-Apr-02	8019 N DWIGHT AVE	1/4 - 1/2SW	X99	59
STROSS, DEVIN	3837 N BALDWIN	1/4 - 1/2S	Y100	59
PHILLIPS, ROBERT Cleanup Complete: 7-May-02	8015 N DWIGHT AVE	1/4 - 1/2SW	X101	59
BOLDMAN, MARK Cleanup Complete: 27-Jul-04	3825 N BALDWIN STREET	1/4 - 1/2S	Y102	59
CALLISON Cleanup Complete: 28-Jul-04	7676 N WASHBURNE AVENUE	1/4 - 1/2S	U103	60

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LUTTRELL, M HOT	3154 N WATTS	1/4 - 1/2 SE	W104	60
MEJIA, DON Cleanup Complete: 22-Jul-04	7643 N WASHBURNE AVE	1/4 - 1/2 S	U105	60
COLE, JENNY Cleanup Complete: 30-Aug-05	7925 N EMERALD AVE	1/4 - 1/2 SE	Z106	60
HILL, BONNIE Cleanup Complete: 22-Oct-01	7916 N EMERALD AVE	1/4 - 1/2 SE	Z107	61
WOODRING, TIM & BONNIE Cleanup Complete: 13-Jul-04	7915 N EMERALD AVENUE	1/4 - 1/2 SE	Z108	61
KENNARD, ALAN Cleanup Complete: 13-Jul-04	3515 N FARRAGUT	1/4 - 1/2 SSE	109	61
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TAYLOR, DARLENE Cleanup Complete: 8-May-02	3615 N ARGYLE ST	1/8 - 1/4 ESE	7	8
MILLER, DAVID Cleanup Complete: 20-Nov-01	3524 N HUNT ST	1/8 - 1/4 E	B8	9
REESE, DELLA Cleanup Complete: 21-Oct-04	8720 N HAMLIN	1/8 - 1/4 E	B12	9
RUBINSTEIN, M HOT Cleanup Complete: 10-Oct-96	8600-8604 N HAMLIA	1/8 - 1/4 ESE	13	10
TYRA, DON & LEATHA	8520 N HAMLIN AVE	1/8 - 1/4 ESE	C15	10
SHIELDS, FLORENCE	8502 N HAMLIN AVE	1/8 - 1/4 ESE	C16	10
MILLAGE Cleanup Complete: 11-Apr-03	9216 N CHASE AVENUE	1/4 - 1/2 NNE	23	12
WEST, JANET Cleanup Complete: 8-Jan-04	8805 N BAYARD	1/4 - 1/2 E	F29	13
WALLACE, TIM Cleanup Complete: 31-Jan-06	8823 N BAYARD ST	1/4 - 1/2 E	F30	14
M B TERMINAL CO. Cleanup Complete: 23-Jun-97	3841 N COLUMBIA BLVD	1/4 - 1/2 N	I44	34
HINKLE, DAVID Cleanup Complete: 8-Mar-05	3206 N HOUGHTON ST	1/4 - 1/2 ENE	J46	34
EVA EVANS Cleanup Complete: 14-Mar-03	8909 N DRUMMOND AVENUE	1/4 - 1/2 ENE	J48	35
PORTLAND HOUSING AUTHORITY Cleanup Complete: 30-Oct-03	8920 N DRUMMOND AVENUE	1/4 - 1/2 ENE	J49	35
LINDE GASSES OF THE WEST Cleanup Complete: 30-Jan-91	3411 N COLUMBIA	1/4 - 1/2 NE	L53	37
BELLAIR, INC. Cleanup Complete: 4-Aug-89	3405 N COLUMBIA BLVD	1/4 - 1/2 NE	L55	37
COX, GERDA	8415 N DRUUMOND AVE	1/4 - 1/2 ESE	56	38
HOLSHEIMER, JAN Cleanup Complete: 22-Jul-04	9001 N DRUMMOND AVE	1/4 - 1/2 ENE	N57	38
MONACO, G HOT Cleanup Complete: 16-Apr-97	9002 N DRUMMOND AVE	1/4 - 1/2 ENE	N58	38
DUNNE, GREG Cleanup Complete: 3-Dec-03	9015 N DRUMMOND AVENUE	1/4 - 1/2 ENE	N59	38

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PHOENIX 56 Cleanup Complete: 17-Apr-01	3108 N HOUGHTON ST	1/4 - 1/2 E	63	39
WASHINGTON, EMMA JEAN Cleanup Complete: 13-Feb-01	3135 N WILLIS BLVD	1/4 - 1/2 ESE	66	40
REDBIRD ESTATE BANK OF AMERICA Cleanup Complete: 18-Dec-02	8947 N CURTIS 9013 N CURTIS	1/4 - 1/2 ENE 1/4 - 1/2 ENE	68 Q70	41 41
MCKINNON, ROBERT Cleanup Complete: 26-Jun-02	9047 N CURTIS AVE	1/4 - 1/2 ENE	Q73	42
THAYER, DOUG MALARKEY ROOFING Cleanup Complete: 14-Dec-01	3054 N WILLIS 3131 N COLUMBIA BLVD	1/4 - 1/2 ESE 1/4 - 1/2 ENE	79 T84	43 44
GIBSON, STELLA Cleanup Complete: 3-Apr-02	8805 N PENINSULAR	1/4 - 1/2 E	90	56
ALVAREZ, GIBERTO Cleanup Complete: 29-Sep-05	8734 N PENINSULAR	1/4 - 1/2 E	92	57
CROSS, DENVER Cleanup Complete: 20-Jan-05	3036 N ARLINGTON	1/4 - 1/2 ESE	96	58

AOCONCERN: Oregon AOC Areas Of Concern.

A review of the AOC COL list, as provided by EDR, has revealed that there is 1 AOC COL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COLUMBIA SLOUGH	PORTLAND RD	1/2 - 1 N	0	7

OR VCS: Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

A review of the VCS list, as provided by EDR, and dated 02/14/2006 has revealed that there are 2 VCS sites within approximately 0.5 miles of the target property.

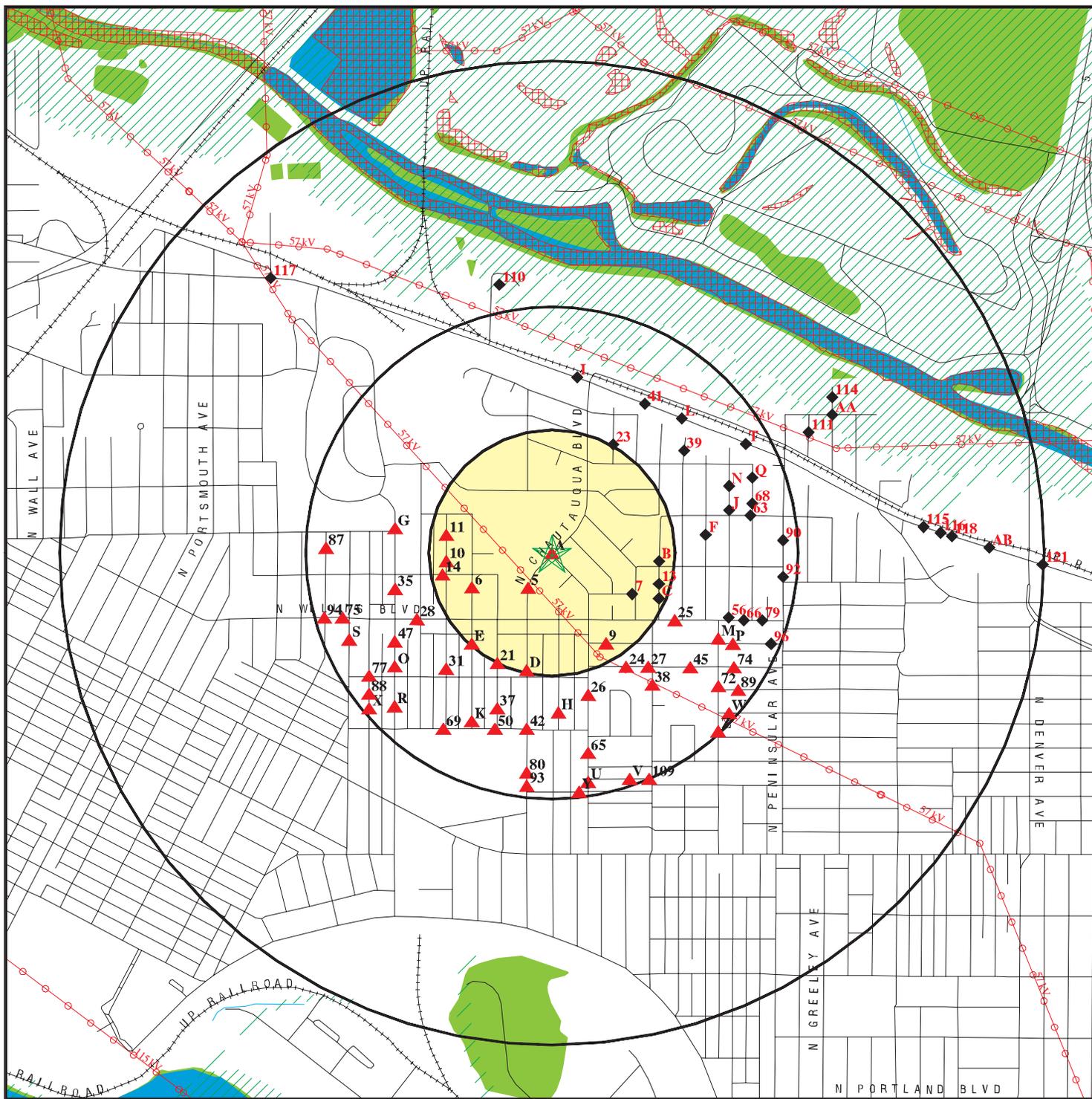
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COLUMBIA VILLA MAINTENANCE FAC	8910 N WOOLSEY CT	1/4 - 1/2 W	G33	14
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AIRGAS NOR PAC	3591 N COLUMBIA BLVD.	1/4 - 1/2 NNE	41	22

EXECUTIVE SUMMARY

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

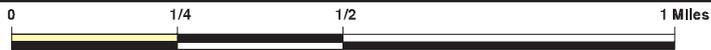
<u>Site Name</u>	<u>Database(s)</u>
WELCH PROPERTY - 9902-03 N. HURST	SHWS - ECSI, VCS
SAUVIE ISLAND DRUM SITE	SHWS - ECSI, FINDS
PACIFIC POWER & LIGHT - DEKUM SUBS	SHWS - ECSI, FINDS, VCS
PACIFIC POWER & LIGHT - MASON SUBS	SHWS - ECSI, VCS
PACIFIC POWER & LIGHT - GREGORY HE	SHWS - ECSI, VCS
PACIFIC POWER & LIGHT - MALLORY SU	SHWS - ECSI, VCS
PACIFIC POWER & LIGHT - AINSWORTH	SHWS - ECSI, VCS
PETROLEUM RELEASE - N EDGEWATER ST	SHWS - ECSI
WILLAMETTE COVE	SHWS - ECSI, FINDS, VCS
HAYDEN ISLAND DUMPING AREA	SHWS - ECSI, FINDS
HAYDEN ISLAND LANDFILL	SHWS - ECSI, OR CRL
CANOE BAY - CONTAMINATED SEDIMENT	SHWS - ECSI, VCS
TRI-MET LIGHT RAIL - INTERSTATE LI	SHWS - ECSI, VCS
KILLINGSWORTH STATION	SHWS - ECSI
PORT OF PORTLAND - TERMINAL 4 SLIP	SHWS - ECSI, VCS
BLUE LAGOON - MARINE TERMINAL 5	SHWS - ECSI, VCS
N MARINE DR EXTENSION - NORTH PORT	SHWS - ECSI
PORTLAND GROUND RUN-UP ENCLOSURE F	SHWS - ECSI
COLUMBIA SLOUGH	SHWS - ECSI
EAST SIDE CSO	SHWS - ECSI
MULTNOMAH COUNTY - ST. JOHNS SITE	SHWS - ECSI, VCS
MOCKS BOTTOM	SHWS - ECSI, FINDS
V.A. - COLUMBIA SOUTH SHORE WELLFIE	SHWS - ECSI
1610 NORTH PIER 99 STREET	SHWS - ECSI, VCS
LARSEN NORTH - CITY OF PORTLAND	SHWS - ECSI, OR CRL
LACAMAS LABORATORIES	SHWS - ECSI, VCS
SOUTH WATERFRONT AT RIVERPLACE, PA	SHWS - ECSI
SOUTH WATERFRONT RIVERPLACE LOT 8	SHWS - ECSI
ST. JOHNS - KEELER #2 RIGHT-OF-WAY	SHWS - ECSI, OR CRL
ESTACADA LUMBER CO	CERC-NFRAP, HSI
ESTACADA SCHOOL DISTRICT 108	AST, HSI
CLEANERY THE - ALBANY	FINDS, DRYCLEANERS
ZIPPER, BRIAN	LUST
METRO HOUSING	LUST
ROGERS,D HOT	LUST
DJORDJEVIC, ZORAN	LUST
PEAVEY OIL CO.	UST

OVERVIEW MAP - 01715536.58r



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

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

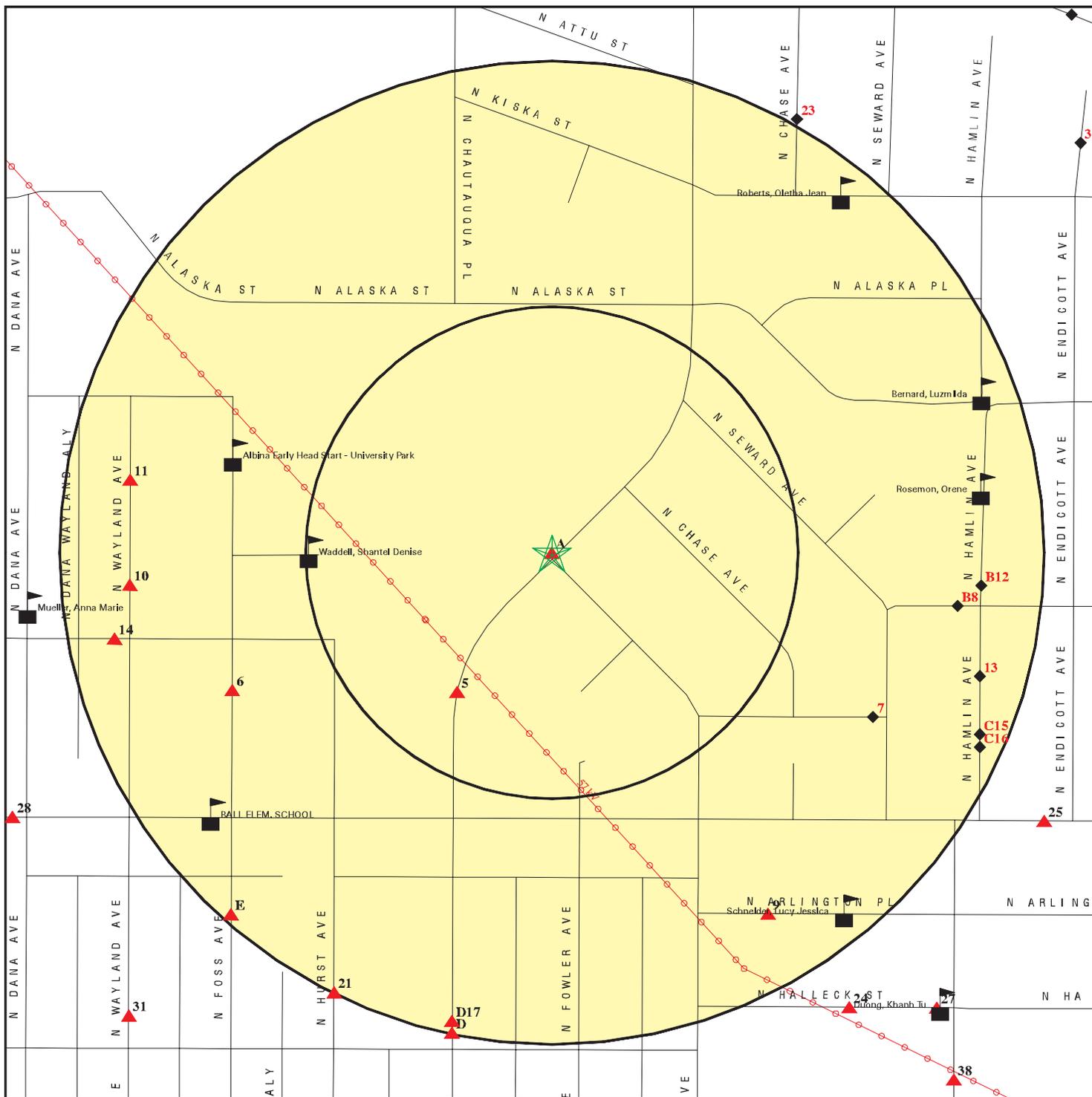


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 2LT ALFRED SHARFF USARC
 ADDRESS: 8801 N. CHAUTAUQUA BLVD.
 PORTLAND OR 97217
 LAT/LONG: 45.5860 / 122.7069

CLIENT: FMSM Engineers
 CONTACT: Robert Newman
 INQUIRY #: 01715536.58r
 DATE: July 14, 2006

DETAIL MAP - 01715536.58r



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

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

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

SITE NAME: 2LT ALFRED SHARFF USARC
 ADDRESS: 8801 N. CHAUTAUQUA BLVD.
 PORTLAND OR 97217
 LAT/LONG: 45.5860 / 122.7069

CLIENT: FMSM Engineers
 CONTACT: Robert Newman
 INQUIRY #: 01715536.58r
 DATE: July 14, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	1	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	1	0	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	1	NR	NR	1
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste - ECSI		1.000	0	0	4	11	NR	15
OR CRL		1.000	0	0	0	4	NR	4
State Landfill		0.500	0	0	1	NR	NR	1
UIC		0.250	0	0	NR	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
LUST	X	0.500	0	16	82	NR	NR	98
AOC COL		1.000	0	0	0	1	NR	1
UST	X	0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
MANIFEST	X	0.250	0	0	NR	NR	NR	0
OR SPILLS		TP	NR	NR	NR	NR	NR	0
OR HAZMAT		TP	NR	NR	NR	NR	NR	0
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
VCS		0.500	0	0	2	NR	NR	2
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
HSIS		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		TP	NR	NR	NR	NR	NR	0
EDR Historical Cleaners		TP	NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

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

A1	US ARMY CORPS - PORTLAND ARMY RESERVE	LUST	S104657878
Target	8801 N CHAUTAUQUA BLVD		N/A
Property	PORTLAND, OR 97217		
Site 1 of 4 in cluster A			
Actual:	LUST:		
98 ft.	Facility ID: 26-92-0113		
	Region: North Western Region		
	Cleanup Start: 24-Apr-92		
	Closed Date: 24-Oct-95		
	Cleanup Complete: 24-Oct-95		
<hr/>			
A2	SHARIFF HALL/US ARMY RESERVE CENTER	LUST	S100500632
Target	8801 N CHAUTAUQUA BLVD		N/A
Property	PORTLAND, OR 97217		
Site 2 of 4 in cluster A			
Actual:	LUST:		
98 ft.	Facility ID: 26-91-0487		
	Region: North Western Region		
	Cleanup Start: 10-Dec-91		
	Closed Date: 28-Dec-01		
	Cleanup Complete: 22-Oct-01		
<hr/>			
A3	SHARFF HALL, US ARMY RESERVES	UST	U003801049
Target	8801 N CHAUTAUQUA BLVD		N/A
Property	PORTLAND, OR 97217		
Site 3 of 4 in cluster A			
Actual:	UST:		
98 ft.	Facility ID: 12113		
	Facility Telephone: (206) 281-3142		
	Permittee Name: MELINE SKELDON		
	Active Tanks: Not reported		
	Decommissioned Tanks: 3		
	Number of Permitted Tanks: Not reported		
	Number of Tanks: 3		
<hr/>			
A4	US ARMY RESERVE CENTER SHARFF	RCRA-SQG	1004769621
Target	8801 N CHAUTAUQUA BLVD	FINDS	OR0000141994
Property	PORTLAND, OR 97217	OR MANIFEST	
Site 4 of 4 in cluster A			
Actual:			
98 ft.			

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

US ARMY RESERVE CENTER SHARFF (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1004769621

RCRAInfo:

Owner: U S ARMY RESERVE
 (206) 281-3142

EPA ID: OR0000141994

Contact: NAAMEH A NOMIE
 (503) 661-2420

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

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

Areas of Concern
 North
 1/2-1
 3093 ft.

**COLUMBIA SLOUGH
 PORTLAND RD
 PORTLAND, OR 97218**

**CERC-NFRAP 1003880262
 AOC COL ORD980723076**

Additional polygons located at: NNE 3636 ft.; NNE 3746 ft.; North 4025 ft.; North 4234 ft.; NNE 4283 ft.

CERCLIS-NFRAP Classification Data:

Federal Facility: Not a Federal Facility

Non NPL Code: NFRAP

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY	Completed: 07/01/1979
Assessment: PRELIMINARY ASSESSMENT	Completed: 03/01/1980
Assessment: PRELIMINARY ASSESSMENT	Completed: 12/15/1988
Assessment: ARCHIVE SITE	Completed: 12/15/1988

AOCONCERN:

OR Areas of concern.

5
 SW
 < 1/8
 453 ft.

**MT OLIVET BAPTIST CHURCH
 8501 N CHAUTAUQUA BLVD
 PORTLAND, OR 97217**

**RCRA-SQG 1005444623
 FINDS ORQ000020719**

Relative:
 Higher

Actual:
 106 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MT OLIVET BAPTIST CHURCH (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1005444623

RCRAInfo:
 Owner: MT OLIVET BAPTIST CHURCH
 (503) 240-7729
 EPA ID: ORQ000020719
 Contact: ED WILLIAMS
 503 240-7729
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.
 RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

6
WSW
1/8-1/4
934 ft.

PAGE, HEIDI
8614 N FOSS
PORTLAND, OR 97217

LUST S105463863
N/A

Relative:
Higher

LUST:
 Facility ID: 26-02-5429
 Region: North Western Region
 Cleanup Start: 11-Mar-02
 Closed Date: 17-Jun-02
Cleanup Complete: 17-Jun-02

Actual:
109 ft.

7
ESE
1/8-1/4
965 ft.

TAYLOR, DARLENE
3615 N ARGYLE ST
PORTLAND, OR 97217

LUST S105247481
N/A

Relative:
Lower

LUST:
 Facility ID: 26-02-5347
 Region: North Western Region
 Cleanup Start: 4-Mar-02
 Closed Date: 8-May-02
Cleanup Complete: 8-May-02

Actual:
96 ft.

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
B8	East	1/8-1/4	1096 ft.		MILLER, DAVID 3524 N HUNT ST PORTLAND, OR 97217	LUST	S105154349	N/A
					Site 1 of 2 in cluster B			
	Relative:				LUST:			
	Lower				Facility ID: 26-01-6991			
	Actual:				Region: North Western Region			
	90 ft.				Cleanup Start: 13-Sep-01			
					Closed Date: 20-Nov-01			
					Cleanup Complete: 20-Nov-01			
9	SSE	1/8-1/4	1128 ft.		BROWN JR., S HOT 3717 N ARLINGTON PLACE PORTLAND, OR 97217	LUST	S100497586	N/A
	Relative:				LUST:			
	Higher				Facility ID: 26-92-5082			
	Actual:				Region: North Western Region			
	113 ft.				Cleanup Start: 22-Oct-91			
					Closed Date: 9-Sep-92			
					Cleanup Complete: 9-Sep-92			
10	West	1/8-1/4	1136 ft.		BRANNON, GAYLEN 8745 N WAYLAND PORTLAND, OR 97203	LUST	S105856923	N/A
	Relative:				LUST:			
	Higher				Facility ID: 26-03-1165			
	Actual:				Region: North Western Region			
	105 ft.				Cleanup Start: 3-Jun-03			
					Closed Date: 8-Aug-03			
					Cleanup Complete: 8-Aug-03			
11	West	1/8-1/4	1149 ft.		HOLEN, ERIC 8831 N WAYLAND PORTLAND, OR 97203	LUST	S104658776	N/A
	Relative:				LUST:			
	Higher				Facility ID: 26-00-5761			
	Actual:				Region: North Western Region			
	99 ft.				Cleanup Start: 1-Sep-00			
					Closed Date: Not reported			
					Cleanup Complete: Not reported			
B12	East	1/8-1/4	1153 ft.		REESE, DELLA 8720 N HAMLIN PORTLAND, OR 97217	LUST	S106475734	N/A
	Relative:				Site 2 of 2 in cluster B			
	Lower				LUST:			
	Actual:				Facility ID: 26-04-0866			
	88 ft.				Region: North Western Region			
					Cleanup Start: 15-May-04			

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

REESE, DELLA (Continued)

S106475734

Closed Date: 21-Oct-04
Cleanup Complete: 21-Oct-04

13
ESE
1/8-1/4
1193 ft.

RUBINSTEIN, M HOT
8600-8604 N HAMLIA
PORTLAND, OR 97217

LUST S102778450
N/A

Relative:
Lower

LUST:
 Facility ID: 26-96-0220
 Region: North Western Region
 Cleanup Start: 5-Apr-96
 Closed Date: 14-Oct-96
Cleanup Complete: 10-Oct-96

Actual:
93 ft.

14
West
1/8-1/4
1197 ft.

FANNIE MAE
4315 N HUNT
PORTLAND, OR 97203

LUST S103067749
N/A

Relative:
Higher

LUST:
 Facility ID: 26-04-0591
 Region: North Western Region
 Cleanup Start: 8-Apr-04
 Closed Date: 15-Jun-04
Cleanup Complete: 15-Jun-04

Actual:
108 ft.

C15
ESE
1/8-1/4
1246 ft.

TYRA, DON & LEATHA
8520 N HAMLIN AVE
PORTLAND, OR 97217

LUST S107466089
N/A

Site 1 of 2 in cluster C

Relative:
Lower

LUST:
 Facility ID: 26-05-2131
 Region: North Western Region
 Cleanup Start: 7-Oct-05
 Closed Date: Not reported
Cleanup Complete: Not reported

Actual:
95 ft.

C16
ESE
1/8-1/4
1259 ft.

SHIELDS, FLORENCE
8502 N HAMLIN AVE
PORTLAND, OR 97217

LUST S104907964
N/A

Site 2 of 2 in cluster C

Relative:
Lower

LUST:
 Facility ID: 26-01-5219
 Region: North Western Region
 Cleanup Start: 7-Feb-01
 Closed Date: Not reported
Cleanup Complete: Not reported

Actual:
96 ft.

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
D17	SSW	1/8-1/4	1285 ft.		OSWALD ESTATE 8224 N CHAUTAUQUA BLVD PORTLAND, OR 97217	LUST	S105154351	N/A
					Site 1 of 3 in cluster D			
					Relative: Higher			
					Actual: 126 ft.			
					LUST:			
					Facility ID:	26-01-8360		
					Region:	North Western Region		
					Cleanup Start:	7-Nov-01		
					Closed Date:	14-Dec-01		
					Cleanup Complete:	14-Dec-01		
E18	SW	1/8-1/4	1298 ft.		FITZSIMONS, BEN 8315 N FOSS AVE PORTLAND, OR 97203	LUST	S107135457	N/A
					Site 1 of 2 in cluster E			
					Relative: Higher			
					Actual: 123 ft.			
					LUST:			
					Facility ID:	26-05-1336		
					Region:	North Western Region		
					Cleanup Start:	24-Jun-05		
					Closed Date:	17-Oct-05		
					Cleanup Complete:	17-Oct-05		
E19	SW	1/8-1/4	1312 ft.		WILLIAMS, ART 8308 N FOSS AVENUE PORTLAND, OR 97203	LUST	S105247257	N/A
					Site 2 of 2 in cluster E			
					Relative: Higher			
					Actual: 123 ft.			
					LUST:			
					Facility ID:	26-02-5001		
					Region:	North Western Region		
					Cleanup Start:	2-Jan-02		
					Closed Date:	3-Apr-02		
					Cleanup Complete:	3-Apr-02		
D20	SSW	1/8-1/4	1316 ft.		EILERSTON, STEVE 8215 N CHATAUQUA BOULEVARD PORTLAND, OR 97217	LUST	S105981372	N/A
					Site 2 of 3 in cluster D			
					Relative: Higher			
					Actual: 126 ft.			
					LUST:			
					Facility ID:	26-03-1470		
					Region:	North Western Region		
					Cleanup Start:	22-Jul-03		
					Closed Date:	25-May-04		
					Cleanup Complete:	25-May-04		

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
21	SSW	1/8-1/4	1317 ft.		ROGERS, J HOT 8248 N HURST AVENUE PORTLAND, OR 97203	LUST	S103543102	N/A
Relative:	Higher	LUST: Facility ID: 26-98-1105 Region: North Western Region						
Actual:	126 ft.	Cleanup Start: 9-Jan-99 Closed Date: 6-Apr-00 Cleanup Complete: 6-Apr-00						
D22	SSW	1/4-1/2	1329 ft.		ARTHUR, GERALD 8210 N CHAUTAUQUA PORTLAND, OR 97217	LUST	S105154325	N/A
		Site 3 of 3 in cluster D						
Relative:	Higher	LUST: Facility ID: 26-01-6750 Region: North Western Region						
Actual:	127 ft.	Cleanup Start: 16-Aug-01 Closed Date: 1-Apr-02 Cleanup Complete: 1-Apr-02						
23	NNE	1/4-1/2	1336 ft.		MILLAGE 9216 N CHASE AVENUE PORTLAND, OR 97217	LUST	S105856408	N/A
Relative:	Lower	LUST: Facility ID: 26-03-0381 Region: North Western Region						
Actual:	77 ft.	Cleanup Start: 3-Mar-03 Closed Date: 11-Apr-03 Cleanup Complete: 11-Apr-03						
24	SSE	1/4-1/2	1456 ft.		TYNER, DARYL 3623 N HALLECK PORTLAND, OR 97217	LUST	S104974381	N/A
Relative:	Higher	LUST: Facility ID: 26-01-5947 Region: North Western Region						
Actual:	119 ft.	Cleanup Start: 15-May-01 Closed Date: 7-Aug-01 Cleanup Complete: 7-Aug-01						
25	ESE	1/4-1/2	1502 ft.		FLESKES, D HOT 3430 N WILLIS BLVD PORTLAND, OR 97217	LUST	S102590069	N/A
Relative:	Higher	LUST: Facility ID: 26-97-0268 Region: North Western Region						
Actual:	100 ft.	Cleanup Start: Not reported Closed Date: Not reported						

MAP FINDINGS

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

FLESKES, D HOT (Continued)

S102590069

Cleanup Complete: Not reported

**26
 SSE
 1/4-1/2
 1569 ft.**

**MARTINELLI, R HOT
 8101 N WASHBURNE
 PORTLAND, OR 97217**

**LUST S103422247
 N/A**

**Relative:
 Higher**

LUST:
 Facility ID: 26-98-0677
 Region: North Western Region
 Cleanup Start: Not reported
 Closed Date: Not reported
Cleanup Complete: Not reported

**Actual:
 128 ft.**

**27
 SE
 1/4-1/2
 1598 ft.**

**CAUBLE, W HOT
 3520 N HALLECK
 PORTLAND, OR 97211**

**LUST S100676166
 N/A**

**Relative:
 Higher**

LUST:
 Facility ID: 26-92-5153
 Region: North Western Region
 Cleanup Start: 28-Dec-93
 Closed Date: 16-Sep-94
Cleanup Complete: 16-Sep-94

**Actual:
 116 ft.**

**28
 WSW
 1/4-1/2
 1612 ft.**

**WECKER CONSTRUCTION, HOT
 4414 N. WILLIS
 PORTLAND, OR 97203**

**LUST S104024117
 N/A**

**Relative:
 Higher**

LUST:
 Facility ID: 26-99-0735
 Region: North Western Region
 Cleanup Start: 12-Jul-99
 Closed Date: Not reported
Cleanup Complete: Not reported

**Actual:
 122 ft.**

**F29
 East
 1/4-1/2
 1654 ft.**

**WEST, JANET
 8805 N BAYARD
 PORTLAND, OR 97217**

**LUST S105981232
 N/A**

Site 1 of 2 in cluster F

**Relative:
 Lower**

LUST:
 Facility ID: 26-03-1273
 Region: North Western Region
 Cleanup Start: 25-Jun-03
 Closed Date: 8-Jan-04
Cleanup Complete: 8-Jan-04

**Actual:
 84 ft.**

MAP FINDINGS

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

F30	WALLACE, TIM	LUST	S105856574
East	8823 N BAYARD ST		N/A
1/4-1/2	PORTLAND, OR 97217		
1659 ft.			
	Site 2 of 2 in cluster F		
Relative:	LUST:		
Lower	Facility ID: 26-03-0639		
	Region: North Western Region		
Actual:	Cleanup Start: 3-Apr-03		
84 ft.	Closed Date: 31-Jan-06		
	Cleanup Complete: 31-Jan-06		

31	WAKEFIELD, DAN	LUST	S105981705
SW	8229 N WAYLAND AVE		N/A
1/4-1/2	PORTLAND, OR 97203		
1683 ft.			
Relative:	LUST:		
Higher	Facility ID: 26-03-2011		
	Region: North Western Region		
Actual:	Cleanup Start: 22-Sep-03		
129 ft.	Closed Date: 13-Nov-03		
	Cleanup Complete: 13-Nov-03		

G32	COLUMBIA VILLA PROPERTY	US BROWNFIELDS	1009311635
West	8910 WOOLSEY AVE, WITHIN PORTSMOUTH NEIGHBORHOOD		N/A
1/4-1/2	PORTLAND, OR 97203		
1690 ft.			
	Site 1 of 3 in cluster G		
Relative:	US BROWNFIELDS:		
Higher	Pilot Name: R10 TBA (STAG Funded)		
Actual:	EPA ID: Not reported		
103 ft.	Latitude: 45.589900		
	Longitude: 122.716300		
	Assessment: 03/01/2003		

G33	COLUMBIA VILLA MAINTENANCE FACILITY	SHWS - ECSI	U000432208
West	8910 N WOOLSEY CT	LUST	N/A
1/4-1/2	PORTLAND, OR 97203	UST	
1704 ft.		VCS	
	Site 2 of 3 in cluster G		
Relative:	ECSI:		
Higher	State ID Number: 3985	Brown ID	Brownfield Site - Assistance From Other Public Agencies
Actual:	Study Area: False		
102 ft.	Cerclis ID: Not reported	Tax Lots:	Not reported
	Size: 82 acres	NPL:	False
	Orphan: False	Region ID:	2
	Lat/Long: 45.5908 / -122.716	Tax Lots:	Not reported
	Township Coord.: 1.00	Township Zone:	N
	Range Coord.: 1.00	Range Zone:	E
	Section Coord.: 8	Qtr Section:	Not reported
	Legislative : 8	Further Action:	0
	FACA ID : 70840	Score Value:	Not reported
	Update Date : 2005-12-05 11:43:27.	Created Date:	TENGLAN
	Created Time : 2003-09-26 12:08:29.		
	Updated By : JWAGGY		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COLUMBIA VILLA MAINTENANCE FACILITY (Continued)

U000432208

HAZ RELEASED:

Quant. Released: Not reported
Date: Not reported
Update Date: Not reported
Update By: Not reported
Substance ID : Not reported
Code : Not reported
Substance Name : Not reported
Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : Not reported
Sub Alias Name : Not reported
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : Not reported
Feature Id : Not reported
Hazard Release Id : Not reported
Medium Code Id : Not reported
Substance Id : Not reported
Unit Code : Not reported
Observation : Not reported
Owner Operator : Not reported
Lab Data : Not reported
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : Not reported
Last Updated On : Not reported
Sample Comment : Not reported

Alias Name: Not reported
Investigation Status: 206

NARR:

NARR ID: 5744362
NARR Code : Contamination
Created By: GWISTAR
Create Date: 2003-11-14 15:47:13.
Updated By: GWISTAR
Updated Date: 2003-11-14 15:47:13.

NARR Comments In September 2001, the U.S. Department of Housing and Urban Development awarded a \$35 million grant to the Housing Authority of Portland, Oregon to be used to replace 478 deteriorated public housing units with new housing for 850 families. In Portland, the HOPE VI grant is being used to revitalize the Columbia Villa and Columbia Villa Additions public housing development. Upon completion, the grant will develop 370 public housing units, 300 affordable and market-rate rental units, 180 market-rate home ownership units. The redevelopment plan includes new centers for children and youth and education and workforce development. For more information about this project, visit the Columbia Villa Hope VI web page:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

COLUMBIA VILLA MAINTENANCE FACILITY (Continued)

U000432208

<http://www.hapdx.org/inititives/hope6a.html>.
The site is located on 82 acres in North Portland, bordered by North Columbia Boulevard, North Adriatic, North Houghton, and North Dana Streets. The Housing Authority of Portland has requested DEQ review of possible environmental issues at the site, such as lead paint and asbestos. (9/19/03 RPS/ICP) Site entered into ICP in September 2003. (June 3, 2005, Bob Schwarz-) DEQ issues a No Further Action (NFA) determination on May 7, 2004. The basis for this decision is documented in the NFA letter as follows: 1. The site is a housing development in which all the old structures have been demolished and are being replaced. The oldest of the former houses date back to the 1940s. 2. Excessive lead contamination was found in soil around some of the houses, particularly the oldest ones. This is due to leaching of lead from lead-containing paint applied to the exterior surfaces of the buildings. Flaking of lead-containing paint was a secondary contamination source. The lead accumulated around the drip line of the buildings, where rainwater running down the side of the buildings reached the soil. 3. Groundwater is encountered at a depth of 20-30 feet, and is therefore not likely to be impacted. 4. The nearest surface water body, the Columbia Slough, is one half mile away. Surface water impacts are therefore not a concern. 5. The safe concentration of lead in soil, from the standpoint of human health, is calculated to be 400 parts per million. Initial sampling prior to building demolition indicated that this level was not found at a depth greater than 6 inches or at a distance greater than 18 inches from the drip line. 6. Based on the initial soil sample results, the Housing Authority of Portland excavated soil from the perimeter of all 149 of the 1942-vintage buildings. Soil to a depth of 9 inches and extending 18 inches from the foundation was excavated and hauled to the Hillsboro Landfill. This was replaced with clean imported soil. 7. Confirmation sampling following removal of the contaminated soil indicated that remaining lead contamination is well below the safe level for human exposure. 8. This residual concentration, though below safe levels for human exposure, does exceed concentrations considered safe for plants and birds. However, because contamination is limited to an area immediately adjacent to buildings, only domestic plants would be exposed. Impact on these plants, if any, is not a concern from the standpoint of ecological risk. Contamination is at a depth of at least 9 inches, which is greater than the foraging depth for birds. For these reasons, no site-related ecological risks are anticipated. 9. Public notice of the proposed No Further Action determination was published in the Oregonian newspaper and in the Secretary of State's Bulletin on April 1, 2004. Comments were requested by May 3, 2004. None were received. DEQ concludes that based on the information presented to date, lead in soil at the New Columbia redevelopment site has been reduced to levels that are protective of public health and the environment and requires no further action under the Oregon Environmental Cleanup Law, ORS 465.200 et seq., unless new or previously undisclosed information becomes available. This is No Further Action determination pertains only to lead contamination in soil. Site reports refer to other environmental issues at the New Columbia Redevelopment site. These include decommissioning of two underground petroleum

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COLUMBIA VILLA MAINTENANCE FACILITY (Continued)

U000432208

storage tanks, manage
 ment of asbestos-containing materials from buildings in the course of
 demolition, and decommissioning of drywells. The Housing Authority of Portland
 is working with other programs at DEQ to address these issues.
 (Bob Schwarz, June 3, 2005:) Lead contamination in soil around some of the
 houses (which have since been demolished). The lead leached from
 lead-containing paint applied to the exterior surfaces of the buildings. Flaking
 of lead-containing paint wa
 s a secondary contamination source. The lead accumulated around the drip line of
 the buildings, where rainwater running down the side of the buildings reached
 the soil.
 Leaching of lead from lead based paint from buildings.

NARR ID: 5744360
 NARR Code : General Site Description
 Created By: GWISTAR
 Create Date: 2003-11-14 15:32:33.
 Updated By: GWISTAR
 Updated Date: 2003-11-14 15:40:23.
 NARR ID: 5746689
 NARR Code : Hazardous Substance/Waste Types
 Created By: BSCHWAR
 Create Date: 2005-06-02 10:42:37.
 Updated By: BSCHWAR
 Updated Date: 2005-06-02 10:42:37.
 NARR ID: 5744361
 NARR Code : Site Location
 Created By: GWISTAR
 Create Date: 2003-11-14 15:34:40.
 Updated By: BSCHWAR
 Updated Date: 2005-12-05 11:35:50.
 NARR ID: 5746690
 NARR Code : Manner of Release
 Created By: BSCHWAR
 Create Date: 2005-06-02 10:53:57.
 Updated By: BSCHWAR
 Updated Date: 2005-06-02 10:53:57.
 NARR ID: 5744256
 NARR Code : Remedial Action
 Created By: JWAGGY
 Create Date: 2003-09-30 13:11:25.
 Updated By: GWISTAR
 Updated Date: 2005-12-09 16:07:56.

ECWQ:

Owner Site Num:	Not reported	FACA Id :	70840
Site Name:	New Columbia Hope VI		
County Code :	26.00		
Owner Name:	Not reported		
Owner Address:	8910 N. Woolsey Portland, 97203		
Lat/Long	45.5908 / -122.7167		
Owner Code:	SUS		

PERMIT:

Permit Number:	Not reported	Permit Type:	Not reported
Permit Agency:	Not reported		
Permit Comments:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COLUMBIA VILLA MAINTENANCE FACILITY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U000432208

ADMIN ACT:

Admin ID:	727355	Action ID:	9424
Agency ID :	Dept Of Environmental Quality	Start Date:	2003-09-26 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	2003-09-26 00:00:00	Substance Code:	Not reported
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	TENGLAN	Update Date:	2003-09-26 12:08:29.
Created By:	TENGLAN	Create Date:	2003-09-26 12:08:29.
Employee Id:	2391		
Comments :	Not reported		
Administrative Action:	Site added to database		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site added to database		

Admin ID:	727356	Action ID:	9508
Agency ID :	Dept Of Environmental Quality	Start Date:	2003-09-26 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	Not reported	Substance Code:	ICP
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	TENGLAN	Update Date:	2003-09-26 12:08:30.
Created By:	TENGLAN	Create Date:	2003-09-26 12:08:30.
Employee Id:	664		
Comments :	Not reported		
Administrative Action:	Site Screening recommended (EV)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site Screening recommended (EV)		

Admin ID:	727380	Action ID:	9435
Agency ID :	Dept Of Environmental Quality	Start Date:	2003-09-16 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2004-05-07 11:40:51	Substance Code:	ICP
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2005-12-05 11:41:35.
Created By:	JWAGGY	Create Date:	2003-09-30 13:09:30.
Employee Id:	664		
Comments :	Not reported		
Administrative Action:	Independent Cleanup Program		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Independent Cleanup Program		

Admin ID:	731333	Action ID:	9443
Agency ID :	Dept Of Environmental Quality	Start Date:	2004-05-07 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2004-05-07 00:00:00	Substance Code:	ICP
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	GWISTAR	Update Date:	2005-12-09 16:05:48.
Created By:	JWAGGY	Create Date:	2005-12-05 11:43:10.
Employee Id:	664		
Comments :	Not reported		
Administrative Action:	NO FURTHER STATE ACTION REQUIRED		
Admin Action Category:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COLUMBIA VILLA MAINTENANCE FACILITY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U000432208

Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : NO FURTHER STATE ACTION REQUIRED

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported
County Code :	Not reported
Reference Id :	Not reported
Twnshp Coord :	Not reported
Township Zone :	Not reported
Range Coord :	Not reported
Range Zone :	Not reported
Section Coord :	Not reported
Qtr Section Coord :	Not reported
Address :	Not reported
Zip Plus :	Not reported
Lat/Long :	Not reported
Lat/Lon Decimal :	Not reported
Feature Size :	Not reported
Est Accuracy :	Not reported
Created On Date :	Not reported
Created By Prgm :	Not reported
Last Updated By :	Not reported
Last Updated On :	Not reported
Comment :	Not reported

WELL:

Well ID:	Not reported
Water Resource Code:	Not reported
Effective Date:	Not reported
Aquifer Code:	Not reported
Ground Station Key:	Not reported

OPERATIONS:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COLUMBIA VILLA MAINTENANCE FACILITY (Continued)

U000432208

Operation Id : Not reported
Operation Status : Not reported
Common Name : Not reported
Yrs of Operation : Not reported
Comments : Not reported
Updated By : Not reported
Updated Date : Not reported

Process Code ID: Not reported
Years Of Process: Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id: Not reported
SIC Code: Not reported
Created By: Not reported
Created Date: Not reported

LUST:

Facility ID: 26-95-0021
Region: North Western Region
Cleanup Start: 3-Feb-95
Closed Date: 22-Aug-96
Cleanup Complete: 10-Apr-96

Facility ID: 26-89-0256
Region: North Western Region
Cleanup Start: 8-Nov-89
Closed Date: 26-Nov-90
Cleanup Complete: 26-Nov-90

OR VCS:

ECS Site ID: 3985
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 2004-05-07
End Date: 5/7/2004
Program: ICP
CRL: NFA
Facility Size: 82 acres
Project Manager Last Name: Schwarz
Project Manager First Name: Bob

UST:

Facility ID: 7063
Facility Telephone: (503) 735-4204
Permittee Name: KEN COMBS, SHOP MECHANIC
Active Tanks: Not reported
Decommissioned Tanks: 4
Number of Permitted Tanks: Not reported
Number of Tanks: 4

H34
South
1/4-1/2
1710 ft.

CAILLOVETTE, VINCE HOT
8000 N FOWLER
PORTLAND, OR 97217

LUST S104024233
N/A

Site 1 of 2 in cluster H

Relative:
Higher

LUST:
Facility ID: 26-99-0884
Region: North Western Region
Cleanup Start: 10-Aug-99

Actual:
133 ft.

MAP FINDINGS

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

CAILLOVETTE, VINCE HOT (Continued)

S104024233

Closed Date: Not reported
 Cleanup Complete: **Not reported**

35 BONDY, GAVIN
WSW 8603 N WOOLSEY AVENUE
1/4-1/2 PORTLAND, OR 97203
1726 ft.

LUST S105981566
N/A

Relative: LUST:
Higher Facility ID: 26-03-1790
 Region: North Western Region
Actual: Cleanup Start: 27-Aug-03
117 ft. Closed Date: 30-Oct-03
 Cleanup Complete: 30-Oct-03

G36 ESTATE OF CORINE V. TORGERSON
West 4518 N HOUGHTON
1/4-1/2 PORTLAND, OR 97203
1751 ft.

LUST S104657996
N/A

Site 3 of 3 in cluster G

Relative: LUST:
Higher Facility ID: 26-00-0466
 Region: North Western Region
Actual: Cleanup Start: 7-Apr-00
103 ft. Closed Date: 31-May-00
 Cleanup Complete: 31-May-00

37 MC COY, JOHN HOT
SSW 8019 N HURST AVENUE
1/4-1/2 PORTLAND, OR 97203
1767 ft.

LUST S104304317
N/A

Relative: LUST:
Higher Facility ID: 26-99-1394
 Region: North Western Region
Actual: Cleanup Start: 16-Dec-99
133 ft. Closed Date: 22-Dec-99
 Cleanup Complete: 22-Dec-99

38 BERRY, ROBERT
SE 8106 N WABASH AVE
1/4-1/2 PORTLAND, OR 97217
1777 ft.

LUST S106116930
N/A

Relative: LUST:
Higher Facility ID: 26-03-2411
 Region: North Western Region
Actual: Cleanup Start: 12-Nov-03
122 ft. Closed Date: 15-Jan-04
 Cleanup Complete: 15-Jan-04

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

39
NE
1/4-1/2
1793 ft.

NORTHWEST CAST METAL PRODUCTS INC
9200 N ENDICOTT
PORTLAND, OR 97217

CERC-NFRAP **1003880280**
ORD980984801

Relative:
Lower

CERCLIS-NFRAP Classification Data:
 Federal Facility: Not a Federal Facility
 Non NPL Code: NFRAP

Actual:
63 ft.

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1985
Assessment:	PRELIMINARY ASSESSMENT	Completed:	09/29/1987
Assessment:	PRELIMINARY ASSESSMENT	Completed:	10/19/1988
Assessment:	ARCHIVE SITE	Completed:	10/19/1988

H40
South
1/4-1/2
1832 ft.

WRIGHT, PHYLLIS
7936 N FOWLER AVE
PORTLAND, OR 97217

LUST **S107135539**
N/A

Site 2 of 2 in cluster H

Relative:
Higher

LUST:
 Facility ID: 26-05-1468
 Region: North Western Region
 Cleanup Start: 11-Jul-05
 Closed Date: 12-Oct-05
Cleanup Complete: 12-Oct-05

Actual:
134 ft.

41
NNE
1/4-1/2
1885 ft.

AIRGAS NOR PAC
3591 N COLUMBIA BLVD.
PORTLAND, OR 97217

SHWS - ECSI **S106115327**
VCS **N/A**

Relative:
Lower

ECSI:

State ID Number: 3528	Brown ID	0
Study Area: False		
Cerclis ID: Not reported	Tax Lots:	1N1E09BB 0400 AND 0600
Size: 4.03 acres	NPL:	False
Orphan: False	Region ID:	2
Lat/Long: 45.5912 / -122.702	Tax Lots:	1N1E09BB 0400 AND 0600
Township Coord.: 1.00	Township Zone:	N
Range Coord.: 1.00	Range Zone:	E
Section Coord.: 9	Qtr Section:	BB
Legislative : 9	Further Action:	256
FACA ID : 39475	Score Value:	91
Update Date : 2006-03-15 11:47:02.	Created Date:	jmw
Created Time : 2002-11-22 00:00:00		
Updated By : GWISTAR		

Actual:
44 ft.

HAZ RELEASED:

Quant. Released: Not reported
 Date: Not reported
 Update Date: Not reported
 Update By: Not reported

Substance ID : Not reported
 Code : Not reported
 Substance Name : Not reported
 Substance Abbrev. : Not reported
 Substance Categ ID : Not reported
 Substance Sub Categ : Not reported
 Category Level : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AIRGAS NOR PAC (Continued)

S106115327

Created By : Not reported
Create Date : Not reported
Substance Alias ID : Not reported
Sub Alias Name : Not reported
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : Not reported
Feature Id : Not reported
Hazard Release Id : Not reported
Medium Code Id : Not reported
Substance Id : Not reported
Unit Code : Not reported
Observation : Not reported
Owner Operator : Not reported
Lab Data : Not reported
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : Not reported
Last Updated On : Not reported
Sample Comment : Not reported

Alias Name: Union Carbide - Linde Division
Linde/Bellair Site
Linde Gasses of the Northwest, Inc.
Northwest Airgas, Inc.

Investigation Status: 208

NARR:

NARR ID: 5747140
NARR Code : Contamination
Created By: CHARMAN
Create Date: 2005-08-30 15:28:04.
Updated By: CHARMAN
Updated Date: 2005-08-30 15:28:04.

NARR Comments Site addresses include: 1) 3591 N Columbia Blvd, Portland, OR 97217; 2) 3405 N Columbia Blvd, Portland, OR 97217; 3) 3411 N Columbia Blvd, Portland, OR 97217
Stormwater pathway to surface waters: On the Airgas site the north-south trending drainage ditch at the northernmost end of the property line between Airgas and Malarkey drains ultimately to Malarkey Outfall 01 (per their Storm Water Pollution Control Plan). All of Malarkey's outfalls are connected to the City storm sewer line which discharges to the Slough at City of Portland Outfall 59 (see map online at DEQ web site - ([http://www.deq.state.or.us/nwr/Columbia Slough/CS Discovery Projects map5.pdf](http://www.deq.state.or.us/nwr/Columbia%20Slough/CS%20Discovery%20Projects%20map5.pdf))). In the early and middle 1990's sediment samples from the Columbia Slough were sampled and analyzed for numerous contaminants. Figure 6 shows the locations of samples collected in the noted period in the stretch of the Slough near the Airgas property. DEQ has evaluated the data for the samples shown. Sediment sampling results for several metals are shown in Table 1 (see Site Photos). The table shows that sediment samples in the Columbia Slough, in the stretch adjacent to the Airgas and Malarkey Roofing sites, contain concentrations of several metals above DEQ-established the baseline "ambient" concentrations for those metals. Some

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AIRGAS NOR PAC (Continued)

S106115327

similar trends have been observed by DEQ for a couple of polynuclear aromatic hydrocarbons (PAHs). Figure 7 further illustrates that there is a locally high concentration of metals, relative to up- and downstream sediments in the Slough near the outfall that serves Airgas and Malarkey Roofing. Subsurface soil to indoor and outdoor air: There is a one-story office building on the property that is located over the former west-most lagoon. Potential petroleum products in the subsurface of the site, in the area of the other two lagoons, presents an inhalation threat to site workers via volatilization to indoor and outdoor air. Direct contact: Since there are stormwater collection systems on the property and along the service road located to the south, there is a potential threat of direct contact exposure for utility workers to subsurface soils and groundwater. Since the site is paved, the threat of direct contact exposure to site workers is considered to be low. DEQ analysis concludes that petroleum and heavy metals contamination may exist in site subsurface soils, groundwater and in Columbia Slough sediments from this site. This site operated as an acetylene gas generation facility from the late 1930's until it was dismantled in the mid 1970's. Records indicate that over most of its operation the acetylene plant was operated by Union Carbide. Since acetylene gas generation has ceased at the site, it has largely served as a bottled gas storage and distribution facility. In 1989 two leaking underground storage tanks (USTs) were removed and needed cleanup was completed at the site through DEQ's UST Cleanup Program. Refer to UST records UST #26-89-0053 and #26-89-0193. The 4.03-acre Airgas Norpac site is a flat, completely paved property located in an industrially zoned area in North Portland, Oregon. There are three large buildings on the property and several small utility/service buildings. The Airgas property is surrounded by other industrial businesses to its north and east (primarily Mitchell Brothers to north and Malarkey Roofing to north and east) and another industrial property (Hartman Steel) is located directly west. The south side of the site is bordered by Frontage Road, a service road, and then by a railroad grade. Most overland flow is directed to catch basins on the property that are connected to the City of Portland's stormwater system. Most stormwater from this area directly discharges to the Columbia Slough via the storm piping. Plumbing records indicate that some buildings on the property had drains connected to drywells or seepage pits. It is not clear whether all of these devices have been disconnected and replumbed. The Columbia Slough is located approximately 1,250 feet to the north of the site. The Columbia Slough is a tidally influenced water body that serves as a local recreational source (fishing, small craft boating) and is listed as migration and rearing Northwest Environmental Corp., "Cleanup Plan for Lime Sludge Lagoons at Linde/Bellair Site, 3405 N. Columbia Blvd, Portland, OR; Prepared for: Linde Division -- Union Carbide, 2420 Camino Ramon, San Ramon, CA 94583," 10 April 1989. Pacific Airgas Inc., 2/3/92 facsimile transmission of January 31 1992 MEMO from Dave Coles to Larry Barron and Mark Straka; Subject: "Status to Date of Lime-Pond Closure at 3405 N. Columbia Blvd., Portland, OR, and a Review of Tasks remaining to be Completed" Pacific Airgas, Inc., "Request to the Oregon Department of Environmental Quality,

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

AIRGAS NOR PAC (Continued)

S106115327

for a Special Discharge Permit under OAR-340-14-050", [not dated - estimate to be from October 1991].
Metals and petroleum hydrocarbons, possibly including polynuclear aromatic hydrocarbons (PAHs) from historic calcium hydroxide ponds located on this property.
(8/12/05, CWH/SAP) Site was once a Union Carbide run acetylene gas plant. A byproduct of the acetylene manufacturing process, where water is mixed with calcium carbide, is a high pH calcium hydroxide sludge. This facility from approximately 1944 through the late 1950's had three large lagoons that held the calcium hydroxide byproduct (see Fig. 4). DEQ has found at several other sites in Oregon that the calcium hydroxide byproduct from the acetylene manufacturing process can contain high levels of petroleum hydrocarbons, including PAHs, and in some cases, high concentrations of metals. The western-most of the three lagoons was cleaned out and detention berms were removed in the early 1990s. There are no records indicating that the other two lagoons, which existed in the middle of the property, had ever been cleaned out. DEQ believes that historically, during wet season months in particular, these lagoons could have overflowed and delivered entrained solids to the Columbia Slough.
. Figure 5 a U.S. Army Corps of Engineers aerial photograph from 1967, upon close examination, shows a fairly high discharge of some type of lightly colored substance into the Slough. There is no verification that the substance discharging into the Slough is from the Linde Division operation (now Airgas property). Plumbing records indicate that the property and some of the buildings have historically been served by drywells or seepage pits. One record from City of Portland files (Permit No. 11434, 3/17/89) showed that the "welding gas shop" had a 26 feet deep seepage pit located nearby. Two permits from January of 1972 indicate several cesspools located on the property. The plumbing records do indicate that several drainages were connected to the City's storm system in the early 1990's. However, these historic subsurface injection/distribution systems may have served as a conduit for site contamination to enter subsurface soils and groundwater.
habitat for several species of Federal and State-listed threatened and endangered fish species (Fall and Summer Chinook and Coho salmon; Winter Steelhead).
Commercial and Industrial
Suspected contamination of site soils and groundwater with petroleum hydrocarbons and metals. Suspected contamination of Columbia Slough sediments with petroleum hydrocarbons and metals in runoff from site to the Slough.
(9/13/05, CWH/SA) State screening by DEQ NWR Site Assessment completed in September 2005.

NARR ID: 5747016
NARR Code : Data Sources
Created By: CHARMAN
Create Date: 2005-08-12 15:23:30.
Updated By: CHARMAN
Updated Date: 2005-08-17 09:02:32.
NARR ID: 5747138
NARR Code : General Site Description
Created By: CHARMAN
Create Date: 2005-08-30 11:21:23.
Updated By: CHARMAN
Updated Date: 2005-09-16 14:39:18.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

AIRGAS NOR PAC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S106115327

PERMIT:

Permit Number:	Not reported	Permit Type:	Not reported
Permit Agency:	Not reported		
Permit Comments:	Not reported		

ADMIN ACT:

Admin ID:	726008	Action ID:	9425
Agency ID :	Dept Of Environmental Quality	Start Date:	2003-03-14 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2005-09-14 12:04:33	Substance Code:	SAS
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	CHARMAN	Update Date:	2005-09-14 13:27:10.
Created By:	JWAGGY	Create Date:	2003-04-30 14:08:42.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	SITE EVALUATION		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	SITE EVALUATION		

Admin ID:	731013	Action ID:	9449
Agency ID :	Dept Of Environmental Quality	Start Date:	2005-09-14 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2005-09-14 12:04:33	Substance Code:	SA
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	CHARMAN	Update Date:	2005-09-14 13:27:01.
Created By:	CHARMAN	Create Date:	2005-09-14 13:27:01.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	Insufficient information to list		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Insufficient information to list		

Admin ID:	731038	Action ID:	9510
Agency ID :	Dept Of Environmental Quality	Start Date:	2005-09-19 00:00:00
Further Action:	High	Region ID:	Northwestern Region
Complete Date:	2005-09-19 00:00:00	Substance Code:	SAS
Rank Value:	91	Cleanup Flag:	False
Updated By:	GWISTAR	Update Date:	2005-09-20 15:12:11.
Created By:	GWISTAR	Create Date:	2005-09-20 15:12:11.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	State Expanded Preliminary Assessment recommended (XPA)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	State Expanded Preliminary Assessment recommended (XPA)		

Admin ID:	731182	Action ID:	9440
Agency ID :	Dept Of Environmental Quality	Start Date:	2005-10-10 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	Not reported	Substance Code:	VCS
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2005-10-17 14:21:48.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AIRGAS NOR PAC (Continued)

S106115327

Feature Id : Not reported
Site Id : Not reported
Feature Code : Not reported
Relative Position : Not reported
Hazard Rel Id : Not reported
Region Code : Not reported
Lat Long Method : Not reported
Lat Long Source : Not reported
County Code : Not reported
Reference Id : Not reported
Townshp Coord : Not reported
Township Zone : Not reported
Range Coord : Not reported
Range Zone : Not reported
Section Coord : Not reported
Qtr Section Coord : Not reported
Address : Not reported
 Not reported
Zip Plus : Not reported
Lat/Long : Not reported
Lat/Lon Decimal : Not reported
Feature Size : Not reported
Est Accuracy : Not reported
Created On Date : Not reported
Created By Prgm : Not reported
Last Updated By : Not reported
Last Updated On : Not reported
Comment : Not reported

WELL:

Well ID: Not reported
Water Resource Code: Not reported
Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 134634
Operation Status :Active
Common Name : Airgas Nor Pac
Yrs of Operation : unknown
Comments : unknown
Updated By : jmw
Updated Date : 2002-11-22 00:00:00

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:Not reported
SIC Code: Not reported
Created By: Not reported
Created Date: Not reported

OR VCS:

ECS Site ID: 3528
Action: Letter Agreement
Start Date: 2005-10-10
End Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AIRGAS NOR PAC (Continued)

S106115327

Program: VCS
 CRL: SUS
 Facility Size: 4.03 acres
 Project Manager Last Name: Larsen
 Project Manager First Name: Henning

42
 South
 1/4-1/2
 1903 ft.

SMITH, PAULA
7904 N CHAUTAUQUA
PORTLAND, OR 97217

LUST S105463877
N/A

Relative:
Higher

LUST:
 Facility ID: 26-02-5606
 Region: North Western Region
 Cleanup Start: 8-Apr-02
 Closed Date: 17-Jun-02
 Cleanup Complete: 17-Jun-02

Actual:
136 ft.

143
 North
 1/4-1/2
 1904 ft.

MITCHELL BROTHERS TRUCK LINES
3841 N COLUMBIA BLVD.
PORTLAND, OR 97217

SHWS - ECSI S103841623
N/A

Relative:
Lower

Site 1 of 2 in cluster I

ECSI:	State ID Number: 339	Brown ID	0
Actual:	Study Area: False	Tax Lots:	4,20,7,40,43
46 ft.	Cerclis ID: Not reported	NPL:	False
	Size: 23.7 acres	Region ID:	2
	Orphan: False	Tax Lots:	4,20,7,40,43
	Lat/Long: 45.5926 / -122.706	Township Zone:	N
	Township Coord.: 1.00	Range Zone:	E
	Range Coord.: 1.00	Qtr Section:	Not reported
	Section Coord.: 5	Further Action:	0
	Legislative : 5	Score Value:	Not reported
	FACA ID : 2999	Created Date:	CONV
	Update Date : 2006-01-11 15:19:53.		
	Created Time : 1988-08-23 00:00:00		
	Updated By : GWISTAR		

HAZ RELEASED:

Quant. Released: Not reported
 Date: Not reported
 Update Date: Not reported
 Update By: Not reported
 Substance ID : Not reported
 Code : Not reported
 Substance Name : Not reported
 Substance Abbrev. : Not reported
 Substance Categ ID : Not reported
 Substance Sub Categ : Not reported
 Category Level : Not reported
 Created By : Not reported
 Create Date : Not reported
 Substance Alias ID : Not reported
 Sub Alias Name : Not reported
 Rel Comment ID : Not reported
 Release Code : Not reported
 Release Comments : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MITCHELL BROTHERS TRUCK LINES (Continued)

S103841623

Sampling Result ID : Not reported
Feature Id : Not reported
Hazard Release Id : Not reported
Medium Code Id : Not reported
Substance Id : Not reported
Unit Code : Not reported
Observation : Not reported
Owner Operator : Not reported
Lab Data : Not reported
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : Not reported
Last Updated On : Not reported
Sample Comment : Not reported

Alias Name: Not reported
Investigation Status: 208

NARR:

NARR ID: 5727245
NARR Code : Contamination
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.

NARR Comments On June 28, 1976, DEQ-NWR issued a NOV to this facility addressing an oil contaminated water discharge "onto the ground and across adjacent properties to Columbia Slough." The NOV requested measures to be taken to prevent future releases, but there is no mention of any remedial action to correct the past release. petroleum Operating practice. Soil and surface water potential. In June 1976, DEQ directed company to install holding tank or oil/water separator to prevent discharge to Columbia Slough.

NARR ID: 5727246
NARR Code : Hazardous Substance/Waste Types
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.

NARR ID: 5727247
NARR Code : Manner of Release
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.

NARR ID: 5727248
NARR Code : Pathways Other Hazards
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.

NARR ID: 5727249
NARR Code : Remedial Action

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MITCHELL BROTHERS TRUCK LINES (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103841623

Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.

ECWQ:

Owner Site Num:	131763	FACA Id :	2999
Site Name:	Mitchell Brothers Truck Lines		
County Code :	26.00		
Owner Name:	Mitchell Brothers Truck Lines		
Owner Address:	3841 N Columbia BLVD Portland, 97217		
Lat/Long	45.5919 / -122.7086		
Owner Code:	SUS		

PERMIT:

Permit Number:	Not reported	Permit Type:	Not reported
Permit Agency:	Not reported		
Permit Comments:	Not reported		

ADMIN ACT:

Admin ID:	718250	Action ID:	9424
Agency ID :	Dept Of Environmental Quality	Start Date:	1988-08-23 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	Not reported	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	CONV	Update Date:	1995-03-17 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	26		
Comments :	Not reported		
Administrative Action:	Site added to database		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site added to database		

Admin ID:	722294	Action ID:	9508
Agency ID :	Dept Of Environmental Quality	Start Date:	1994-02-12 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	1994-02-12 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1997-10-06 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	293		
Comments :	Not reported		
Administrative Action:	Site Screening recommended (EV)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site Screening recommended (EV)		

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MITCHELL BROTHERS TRUCK LINES (Continued)

S103841623

Depth : Not reported
Monitor : Not reported
Manifest Num : Not reported
Removed By : Not reported
Loc Comments: Not reported
Disposal Sub ID: Not reported
Substance ID: Not reported
Created By: Not reported
Create Date: Not reported

FEATURE:

Feature Id : Not reported
Site Id : Not reported
Feature Code : Not reported
Relative Position : Not reported
Hazard Rel Id : Not reported
Region Code : Not reported
Lat Long Method : Not reported
Lat Long Source : Not reported
County Code : Not reported
Reference Id : Not reported
Township Coord : Not reported
Township Zone : Not reported
Range Coord : Not reported
Range Zone : Not reported
Section Coord : Not reported
Qtr Section Coord : Not reported
Address : Not reported
Zip Plus : Not reported
Lat/Long : Not reported
Lat/Lon Decimal : Not reported
Feature Size : Not reported
Est Accuracy : Not reported
Created On Date : Not reported
Created By Prgm : Not reported
Last Updated By : Not reported
Last Updated On : Not reported
Comment : Not reported

WELL:

Well ID: Not reported
Water Resource Code: Not reported
Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 131763
Operation Status :Active
Common Name : Mitchell Brothers Truck Lines
Yrs of Operation : Not reported
Comments : Not reported
Updated By : jxh
Updated Date : 1995-03-10 00:00:00
Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

MITCHELL BROTHERS TRUCK LINES (Continued)

S103841623

Created Date: Not reported
 Operations SIC Id:195294
 SIC Code: 4212
 Created By: Not reported
 Created Date: 2002-12-17 08:50:34.
 Operations SIC Id:195295
 SIC Code: 4214
 Created By: Not reported
 Created Date: 2002-12-17 08:50:34.

I44
North
 1/4-1/2
 1904 ft.

M B TERMINAL CO.
3841 N COLUMBIA BLVD
PORTLAND, OR 97217

LUST S100497588
N/A

Site 2 of 2 in cluster I

Relative:
Lower

LUST:
 Facility ID: 26-93-0007
 Region: North Western Region
 Cleanup Start: 14-Dec-92
 Closed Date: 6-Aug-97
Cleanup Complete: 23-Jun-97

Actual:
 46 ft.

45
SE
 1/4-1/2
 1922 ft.

CUBBISON, DALE
3327 N HALLECK STREET
PORTLAND, OR 97217

LUST S106116957
N/A

Relative:
Higher

LUST:
 Facility ID: 26-03-2456
 Region: North Western Region
 Cleanup Start: 21-Nov-03
 Closed Date: 15-Dec-03
Cleanup Complete: 15-Dec-03

Actual:
 116 ft.

J46
ENE
 1/4-1/2
 1925 ft.

HINKLE, DAVID
3206 N HOUGHTON ST
PORTLAND, OR 97217

LUST S106777604
N/A

Site 1 of 3 in cluster J

Relative:
Lower

LUST:
 Facility ID: 26-04-2364
 Region: North Western Region
 Cleanup Start: 26-Nov-04
 Closed Date: 8-Mar-05
Cleanup Complete: 8-Mar-05

Actual:
 82 ft.

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
47	WSW	1/4-1/2	1934 ft.		POLLOCK, DAVID 8321 N WOOLSEY PORTLAND, OR 97203	LUST	S104658369	N/A
Relative:	Higher	LUST:						
		Facility ID:	26-00-5127					
		Region:	North Western Region					
Actual:		Cleanup Start:	19-Jun-00					
128 ft.		Closed Date:	25-Jul-00					
		Cleanup Complete:	25-Jul-00					
J48	ENE	1/4-1/2	1947 ft.		EVA EVANS 8909 N DRUMMOND AVENUE PORTLAND, OR 97217	LUST	S105711286	N/A
		Site 2 of 3 in cluster J						
Relative:	Lower	LUST:						
		Facility ID:	26-02-1341					
		Region:	North Western Region					
Actual:		Cleanup Start:	19-Nov-02					
82 ft.		Closed Date:	14-Mar-03					
		Cleanup Complete:	14-Mar-03					
J49	ENE	1/4-1/2	1955 ft.		PORTLAND HOUSING AUTHORITY 8920 N DRUMMOND AVENUE PORTLAND, OR 97203	LUST	S104658395	N/A
		Site 3 of 3 in cluster J						
Relative:	Lower	LUST:						
		Facility ID:	26-00-5166					
		Region:	North Western Region					
Actual:		Cleanup Start:	23-Jun-00					
82 ft.		Closed Date:	30-Oct-03					
		Cleanup Complete:	30-Oct-03					
50	SSW	1/4-1/2	1982 ft.		BONEBRAKE, PHYLLIS 4109 N WINCHELL PORTLAND, OR 97203	LUST	S106856573	N/A
Relative:	Higher	LUST:						
		Facility ID:	26-05-0017					
		Region:	North Western Region					
Actual:		Cleanup Start:	4-Jan-05					
137 ft.		Closed Date:	2-Mar-05					
		Cleanup Complete:	2-Mar-05					

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K51
SSW
1/4-1/2
1999 ft.

MACDONALD, CLARA II
7945 N FOSS
PORTLAND, OR 97203

LUST **S106112962**
OR SPILLS **N/A**

Site 1 of 2 in cluster K

Relative:
Higher

LUST:

Actual:
136 ft.

Facility ID: 26-04-1813
 Region: North Western Region
 Cleanup Start: 13-Sep-04
 Closed Date: 4-Oct-04
Cleanup Complete: 4-Oct-04

OR SPILLS:

Facility ID:	03-2599	Spill Date:	Not reported
Material:	Oil - Heating	Quantity:	420
Unit:	Gallons		
Release Date:	11/20/2003 9:34:00 AM	Year:	Not reported
How Occurred:	Not reported		Not reported
Source:	UST	Media	PS/BC Land
Materials:	Not reported		
Location:	Not reported		
Description:	Not reported		
Responsible Company:	Not reported		
Responsible Content:	Not reported		
Responsible party addr :	Not reported		
	Not reported		
Resp party country :	Not reported		
Description :	Unknown amount of heating oil released to a homeowners basement after an oil delivery by Discount Oil Company. The heating oil leaked from an uncapped line onto the basement floor and into a subsurface drain.		
	Unknown amount of heating oil released to a homeowners basement after an oil delivery by Discount Oil Company. The heating oil leaked from an uncapped line onto the basement floor and into a subsurface drain.		

Facility ID:	03-2599	Spill Date:	Not reported
Material:	Oil - Heating	Quantity:	420
Unit:	Gallons		
Release Date:	11/20/2003 9:34:00 AM	Year:	Not reported
How Occurred:	Not reported		Not reported
Source:	UST	Media	Soil
Materials:	Not reported		
Location:	Not reported		
Description:	Not reported		
Responsible Company:	Not reported		
Responsible Content:	Not reported		
Responsible party addr :	Not reported		
	Not reported		
Resp party country :	Not reported		
Description :	Unknown amount of heating oil released to a homeowners basement after an oil delivery by Discount Oil Company. The heating oil leaked from an uncapped line onto the basement floor and into a subsurface drain.		
	Unknown amount of heating oil released to a homeowners basement after an oil delivery by Discount Oil Company. The heating oil leaked from an uncapped line onto the basement floor and into a subsurface drain.		

MAP FINDINGS

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

K52	MACDONALD, JAMES	LUST	S106116977
SSW	7945 N FOSS AVENUE		N/A
1/4-1/2	PORTLAND, OR 97203		
1999 ft.			

Site 2 of 2 in cluster K

Relative:	LUST:		
Higher	Facility ID:	26-03-2488	
	Region:	North Western Region	
Actual:	Cleanup Start:	28-Nov-03	
136 ft.	Closed Date:	22-Jan-04	
	Cleanup Complete:	22-Jan-04	

L53	LINDE GASSES OF THE WEST	LUST	S100497545
NE	3411 N COLUMBIA		N/A
1/4-1/2	PORTLAND, OR 97217		
2006 ft.			

Site 1 of 2 in cluster L

Relative:	LUST:		
Lower	Facility ID:	26-89-0193	
	Region:	North Western Region	
Actual:	Cleanup Start:	17-Aug-89	
45 ft.	Closed Date:	30-Jan-91	
	Cleanup Complete:	30-Jan-91	

M54	GLASS, JAMES	LUST	S105076074
ESE	8323 N EMERALD		N/A
1/4-1/2	PORTLAND, OR 97217		
2006 ft.			

Site 1 of 2 in cluster M

Relative:	LUST:		
Higher	Facility ID:	26-01-6297	
	Region:	North Western Region	
Actual:	Cleanup Start:	22-Jun-01	
100 ft.	Closed Date:	Not reported	
	Cleanup Complete:	Not reported	

L55	BELLAIR, INC.	LUST	S102778437
NE	3405 N COLUMBIA BLVD	UIC	N/A
1/4-1/2	PORTLAND, OR 97217		
2010 ft.			

Site 2 of 2 in cluster L

Relative:	LUST:		
Lower	Facility ID:	26-89-0053	
	Region:	North Western Region	
Actual:	Cleanup Start:	6-Apr-89	
45 ft.	Closed Date:	4-Aug-89	
	Cleanup Complete:	4-Aug-89	

OR UIC:			
	UIC Number :	11569	
	Num Of UIC Wells :	1	
	Type :	5D2	
	Type Description :	Storm Water Drainage	
	Status :	Active	
	Facility Status :	Not Registered	
	Lat/Long :	No data / No data	

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BELLAIR, INC. (Continued)

S102778437

DEQ Permit : No permit information is available.

**56
 ESE
 1/4-1/2
 2016 ft.**

**COX, GERDA
 8415 N DRUUMOND AVE
 PORTLAND, OR 97217**

**LUST S105463867
 N/A**

**Relative:
 Lower**

LUST:
 Facility ID: 26-02-5487
 Region: North Western Region
 Cleanup Start: Not reported
 Closed Date: Not reported
Cleanup Complete: Not reported

**Actual:
 93 ft.**

**N57
 ENE
 1/4-1/2
 2018 ft.**

**HOLSHEIMER, JAN
 9001 N DRUMMOND AVE
 PORTLAND, OR 97217**

**LUST S106475779
 N/A**

Site 1 of 3 in cluster N

**Relative:
 Lower**

LUST:
 Facility ID: 26-04-0925
 Region: North Western Region
 Cleanup Start: 24-May-04
 Closed Date: 22-Jul-04
Cleanup Complete: 22-Jul-04

**Actual:
 77 ft.**

**N58
 ENE
 1/4-1/2
 2020 ft.**

**MONACO, G HOT
 9002 N DRUMMOND AVE
 PORTLAND, OR 97217**

**LUST S101385068
 N/A**

Site 2 of 3 in cluster N

**Relative:
 Lower**

LUST:
 Facility ID: 26-94-5229
 Region: North Western Region
 Cleanup Start: 21-Nov-94
 Closed Date: 13-Jun-97
Cleanup Complete: 16-Apr-97

**Actual:
 77 ft.**

**N59
 ENE
 1/4-1/2
 2032 ft.**

**DUNNE, GREG
 9015 N DRUMMOND AVENUE
 PORTLAND, OR 97217**

**LUST S105981538
 N/A**

Site 3 of 3 in cluster N

**Relative:
 Lower**

LUST:
 Facility ID: 26-03-1746
 Region: North Western Region
 Cleanup Start: 22-Aug-03
 Closed Date: 3-Dec-03
Cleanup Complete: 3-Dec-03

**Actual:
 76 ft.**

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
O60	NOLD, RONALD					LUST	S104908084	
SW	8236 N WOOLSEY						N/A	
1/4-1/2	PORTLAND, OR 97203							
2078 ft.								
	Site 1 of 2 in cluster O							
Relative:	LUST:							
Higher	Facility ID:	26-01-5392						
	Region:	North Western Region						
Actual:	Cleanup Start:	8-Mar-01						
132 ft.	Closed Date:	7-Aug-01						
	Cleanup Complete:	7-Aug-01						
<hr/>								
M61	SCHLAFLE, JACK					LUST	S105463859	
ESE	3181 N ARLINGTON PL						N/A	
1/4-1/2	PORTLAND, OR 97217							
2088 ft.								
	Site 2 of 2 in cluster M							
Relative:	LUST:							
Higher	Facility ID:	26-02-5404						
	Region:	North Western Region						
Actual:	Cleanup Start:	12-Mar-02						
101 ft.	Closed Date:	30-May-02						
	Cleanup Complete:	30-May-02						
<hr/>								
O62	MCDONALD, ALLEN					LUST	S107135063	
SW	8227 N WOOLSEY AVE						N/A	
1/4-1/2	PORTLAND, OR 97203							
2097 ft.								
	Site 2 of 2 in cluster O							
Relative:	LUST:							
Higher	Facility ID:	26-05-0791						
	Region:	North Western Region						
Actual:	Cleanup Start:	22-Apr-05						
132 ft.	Closed Date:	13-May-05						
	Cleanup Complete:	13-May-05						
<hr/>								
63	PHOENIX 56					LUST	S104820171	
East	3108 N HOUGHTON ST						N/A	
1/4-1/2	PORTLAND, OR 97217							
2166 ft.								
Relative:	LUST:							
Lower	Facility ID:	26-00-6119						
	Region:	North Western Region						
Actual:	Cleanup Start:	13-Oct-00						
81 ft.	Closed Date:	17-Apr-01						
	Cleanup Complete:	17-Apr-01						

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
P64	ESE	1/4-1/2	2169 ft.		ADAM, D HOT 3155 N ARLINGTON PLACE PORTLAND, OR 97217	LUST	S103248265	N/A
					Site 1 of 3 in cluster P			
					Relative: Higher			
					Actual: 100 ft.			
					LUST:			
					Facility ID:	26-98-0213		
					Region:	North Western Region		
					Cleanup Start:	Not reported		
					Closed Date:	Not reported		
					Cleanup Complete:	Not reported		
65	South	1/4-1/2	2178 ft.		ESTATE OF R W LINDSAY 7818 N WASHBURNE PORTLAND, OR 97217	LUST	S104908209	N/A
					Relative: Higher			
					Actual: 138 ft.			
					LUST:			
					Facility ID:	26-01-5590		
					Region:	North Western Region		
					Cleanup Start:	2-Apr-01		
					Closed Date:	3-Jul-01		
					Cleanup Complete:	3-Jul-01		
66	ESE	1/4-1/2	2180 ft.		WASHINGTON, EMMA JEAN 3135 N WILLIS BLVD PORTLAND, OR 97217	LUST	S104820180	N/A
					Relative: Lower			
					Actual: 92 ft.			
					LUST:			
					Facility ID:	26-00-6313		
					Region:	North Western Region		
					Cleanup Start:	10-Nov-00		
					Closed Date:	13-Feb-01		
					Cleanup Complete:	13-Feb-01		
P67	ESE	1/4-1/2	2201 ft.		LUANGPHASY, S HOT 3145 N ARLINGTON PLACE PORTLAND, OR 97230	LUST	S102590212	N/A
					Site 2 of 3 in cluster P			
					Relative: Higher			
					Actual: 100 ft.			
					LUST:			
					Facility ID:	26-97-0274		
					Region:	North Western Region		
					Cleanup Start:	8-Apr-97		
					Closed Date:	22-May-97		
					Cleanup Complete:	22-May-97		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

68
ENE
1/4-1/2
2213 ft.

REDBIRD ESTATE
8947 N CURTIS
PORTLAND, OR 97217

LUST **S105463889**
N/A

Relative:
Lower

LUST:
 Facility ID: 26-02-6024
 Region: North Western Region
 Cleanup Start: 30-May-02
 Closed Date: Not reported
Cleanup Complete: Not reported

Actual:
77 ft.

69
SSW
1/4-1/2
2216 ft.

COVER, MICHAEL
4311 N WINCHELL ST
PORTLAND, OR 97203

LUST **S105247352**
N/A

Relative:
Higher

LUST:
 Facility ID: 26-02-5144
 Region: North Western Region
 Cleanup Start: 23-Jan-02
 Closed Date: 20-May-02
Cleanup Complete: 20-May-02

Actual:
139 ft.

Q70
ENE
1/4-1/2
2264 ft.

BANK OF AMERICA
9013 N CURTIS
PORTLAND, OR 97217

LUST **S105556474**
N/A

Site 1 of 2 in cluster Q

Relative:
Lower

LUST:
 Facility ID: 26-02-0610
 Region: North Western Region
 Cleanup Start: 9-Aug-02
 Closed Date: 18-Dec-02
Cleanup Complete: 18-Dec-02

Actual:
68 ft.

P71
ESE
1/4-1/2
2276 ft.

BIRDWELL, ROB
3121 N ARLINGTON PL
PORTLAND, OR 97217

LUST **S105556259**
N/A

Site 3 of 3 in cluster P

Relative:
Higher

LUST:
 Facility ID: 26-02-0277
 Region: North Western Region
 Cleanup Start: 1-Jul-02
 Closed Date: 23-Sep-02
Cleanup Complete: 23-Sep-02

Actual:
99 ft.

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
72	SE	1/4-1/2	2285 ft.		LOPEZ, LETICIA 8116 N EMERALD AVE PORTLAND, OR 97217	LUST	S104907895	N/A
Relative:	Higher	LUST: Facility ID: 26-01-5112 Region: North Western Region						
Actual:	117 ft.	Cleanup Start: 12-Jan-01 Closed Date: 29-Mar-01 Cleanup Complete: 29-Mar-01						
Q73	ENE	1/4-1/2	2296 ft.		MCKINNON, ROBERT 9047 N CURTIS AVE PORTLAND, OR 97217	LUST	S105463880	N/A
					Site 2 of 2 in cluster Q			
Relative:	Lower	LUST: Facility ID: 26-02-5750 Region: North Western Region						
Actual:	60 ft.	Cleanup Start: 25-Apr-02 Closed Date: 26-Jun-02 Cleanup Complete: 26-Jun-02						
74	ESE	1/4-1/2	2304 ft.		MATTOX VACANT RESIDENCE 3150 N HALLECK PORTLAND, OR 97217	LUST	S104658630	N/A
Relative:	Higher	LUST: Facility ID: 26-00-5539 Region: North Western Region						
Actual:	109 ft.	Cleanup Start: 8-Aug-00 Closed Date: 7-Nov-00 Cleanup Complete: 7-Nov-00						
75	WSW	1/4-1/2	2351 ft.		FREEMAN, PATRICIA 4729 N WILLIS BLVD PORTLAND, OR 97203	LUST	S106777250	N/A
Relative:	Higher	LUST: Facility ID: 26-04-1807 Region: North Western Region						
Actual:	128 ft.	Cleanup Start: 13-Sep-04 Closed Date: 21-Oct-04 Cleanup Complete: 21-Oct-04						
R76	SW	1/4-1/2	2358 ft.		PAUL ROBEDEAU 8031 N. WOOLSEY AVENUE PORTLAND, OR 97203	LUST	S105711159	N/A
					Site 1 of 3 in cluster R			
Relative:	Higher	LUST: Facility ID: 26-02-1137 Region: North Western Region						
Actual:	139 ft.	Cleanup Start: 15-Oct-02						

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PAUL ROBEDEAU (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Closed Date: 4-Feb-03
 Cleanup Complete: 4-Feb-03

S105711159

77
 SW
 1/4-1/2
 2363 ft.

ST. MARTIN, KENNAN
 8205 N DWIGHT
 PORTLAND, OR 97203

LUST S106777483
 N/A

Relative:
 Higher

LUST:
 Facility ID: 26-04-2179
 Region: North Western Region
 Cleanup Start: 1-Nov-04
 Closed Date: 22-Jun-05
 Cleanup Complete: 22-Jun-05

Actual:
 135 ft.

S78
 WSW
 1/4-1/2
 2366 ft.

PERKINS, EUGENE & ANNE
 8325 N NEWMAN
 PORTLAND, OR 97203

LUST S104819922
 N/A

Site 1 of 2 in cluster S

Relative:
 Higher

LUST:
 Facility ID: 26-00-6369
 Region: North Western Region
 Cleanup Start: 16-Nov-00
 Closed Date: 28-Mar-05
 Cleanup Complete: 28-Mar-05

Actual:
 131 ft.

79
 ESE
 1/4-1/2
 2367 ft.

THAYER, DOUG
 3054 N WILLIS
 PORTLAND, OR 97217

LUST S104658371
 N/A

Relative:
 Lower

LUST:
 Facility ID: 26-00-5130
 Region: North Western Region
 Cleanup Start: 19-Jun-00
 Closed Date: Not reported
 Cleanup Complete: Not reported

Actual:
 91 ft.

80
 South
 1/4-1/2
 2369 ft.

MALONEY, GINA
 7728 N CHAUTAUQUA BLVD
 PORTLAND, OR 97217

LUST S104658149
 N/A

Relative:
 Higher

LUST:
 Facility ID: 26-00-0675
 Region: North Western Region
 Cleanup Start: 5-May-00
 Closed Date: 21-Jun-00
 Cleanup Complete: 21-Jun-00

Actual:
 142 ft.

MAP FINDINGS

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

R81	PETRICK, CHERYL	LUST	S104658609
SW	8011 N WOOLSEY AVE		N/A
1/4-1/2	PORTLAND, OR 97203		
2384 ft.			

Site 2 of 3 in cluster R

Relative:	LUST:		
Higher	Facility ID:	26-00-5503	
	Region:	North Western Region	
Actual:	Cleanup Start:	3-Aug-00	
140 ft.	Closed Date:	11-Dec-02	
	Cleanup Complete:	11-Dec-02	

S82	HEIDEL, LOWELL	LUST	S106117078
WSW	8311 N NEWMAN		N/A
1/4-1/2	PORTLAND, OR 97203		
2385 ft.			

Site 2 of 2 in cluster S

Relative:	LUST:		
Higher	Facility ID:	26-04-0008	
	Region:	North Western Region	
Actual:	Cleanup Start:	30-Dec-03	
132 ft.	Closed Date:	3-Sep-04	
	Cleanup Complete:	3-Sep-04	

T83	MALARKEY LANDFILL	SWF/LF	S105225697
ENE	3131 N COLUMBIA BLVD		N/A
1/4-1/2	PORTLAND, OR 97217		
2385 ft.			

Site 1 of 3 in cluster T

Relative:	LF:		
Lower	Facility Id:	104268	
	Permit Number:	1041	
Actual:	Facility Phone:	(503) 283-1191	
42 ft.	Facility Phone 2:	Not reported	
	Contact Name:	Not reported	
	Lat/Long:	45.5901 / -122.6984000000	
	Mailing Address:	PO Box 17217	
		Portland, OR 97217	
	Facility Addr 2:	Not reported	
	Permit Status:	Active	
	Solid Waste:		
	Type:	Landfill (Captive)	
	Closed:	Not reported	
	Date Opened:	1974-06-27 00:00:00	

T84	MALARKEY ROOFING	LUST	1000641899
ENE	3131 N COLUMBIA BLVD	OR SPILLS	N/A
1/4-1/2	PORTLAND, OR 97217		
2385 ft.			

Site 2 of 3 in cluster T

Relative:	LUST:		
Lower	Facility ID:	26-01-8132	
	Region:	North Western Region	
Actual:	Cleanup Start:	3-Oct-01	
42 ft.	Closed Date:	14-Dec-01	
	Cleanup Complete:	14-Dec-01	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MALARKEY ROOFING (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000641899

OR SPILLS:

Facility ID:	2-0740	Spill Date:	05-26-1992
Material:	OIL	Quantity:	100 GALLONS
Unit:	Not reported		
Release Date:	/ /	Year:	Not reported
How Occurred:	BLDG FIRE/FIRE WATER FLOODED SUMP		Not reported
Source:	Not reported	Media	Not reported
Materials:	Not reported		
Location:	Not reported		
Description:	Not reported		
Responsible Company:	MALARKEY ROOFING		
Responsible Content:	Not reported		
Responsible party addr :	Not reported		
	Not reported		
Resp party country :	Not reported		
Description :	Not reported		

T85
ENE
1/4-1/2
2385 ft.

3131 N COLUMBIA BLVD
PORTLAND, OR 97217

SHWS - ECSI **S102079367**
OR SPILLS **N/A**

Site 3 of 3 in cluster T

Relative:
Lower

ECSI:

Actual:
42 ft.

State ID Number:	690	Brown ID	0
Study Area:	False		
Cerclis ID:	980984801	Tax Lots:	39
Size:	30 acres	NPL:	False
Orphan:	False	Region ID:	2
Lat/Long:	45.5901 / -122.698	Tax Lots:	39
Township Coord.:	1.00	Township Zone:	N
Range Coord.:	1.00	Range Zone:	E
Section Coord.:	4	Qtr Section:	Not reported
Legislative :	4	Further Action:	0
FACA ID :	5131	Score Value:	Not reported
Update Date :	2006-03-15 11:44:15.	Created Date:	CONV
Created Time :	1988-10-08 00:00:00		
Updated By :	GWISTAR		

HAZ RELEASED:

Quant. Released: unknown
 Date: unknown
 Update Date: 1988-08-10 00:00:00
 Update By: Not reported

Substance ID : 121426
 Code : 53469-21-9
 Substance Name : PCB 1242
 Substance Abbrev. : Not reported
 Substance Categ ID : 8554
 Substance Sub Categ : PCB Substances for the OSPIRG Report
 Category Level : Not reported
 Created By : Not reported
 Create Date : 2002-12-17 08:50:34.
 Substance Alias ID : 318695
 Sub Alias Name : AROCHLOR 1242
 Substance Alias ID : 318696
 Sub Alias Name : AROCLOR 1242
 Rel Comment ID : 304403
 Release Code : Data Sources

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S102079367

Release Comments : Malarkey Roofing Co. RI/FS
Sampling Result ID : 346766
Feature Id : Not reported
Hazard Release Id : 385335
Medium Code Id : 703
Substance Id : Not reported
Unit Code : 7
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : .00
Max Concentration : 7.20
Last Update By : CONV
Last Updated On : 1994-09-13 00:00:00
Sample Comment : 7.2 ppm
Quant. Released: unknown
Date: unknown
Update Date: 1988-08-10 00:00:00
Update By: Not reported
Substance ID : 122002
Code : ECD243
Substance Name : POLYAROMATIC HYDROCARBONS (PAH)
Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : 318143
Sub Alias Name : PAH
Substance Alias ID : 318148
Sub Alias Name : POLYCYCLIC AROMATIC HYDROCARBONS (PAH)
Substance Alias ID : 318149
Sub Alias Name : POLYNUCLEAR AROMATIC HYDROCARBINS (PNA)
Substance Alias ID : 318150
Sub Alias Name : PNA
Rel Comment ID : 304405
Release Code : Data Sources
Release Comments : Malarkey Roofing Co. RI/FS
Sampling Result ID : 346533
Feature Id : Not reported
Hazard Release Id : 385336
Medium Code Id : 703
Substance Id : Not reported
Unit Code : 7
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : .00
Max Concentration : 1.20
Last Update By : CONV

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S102079367

Last Updated On : 1994-09-13 00:00:00
Sample Comment : 1.2 ppm
Quant. Released: unknown
Date: unknown
Update Date: 1988-08-10 00:00:00
Update By: Not reported
Substance ID : 121639
Code : 7439-92-1
Substance Name : LEAD
Substance Abbrev. : Not reported
Substance Categ ID : 8466
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319256
Sub Alias Name : PB
Rel Comment ID : 304404
Release Code : Data Sources
Release Comments : Malarkey Roofing Co. RI/FS
Sampling Result ID : 346898
Feature Id : Not reported
Hazard Release Id : 385337
Medium Code Id : 703
Substance Id : Not reported
Unit Code : 7
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : .00
Max Concentration : 1500.00
Last Update By : CONV
Last Updated On : 1994-09-13 00:00:00
Sample Comment : 1500 ppm
Alias Name: Herbert Malarkey Roofing Co.
NW Cast Metal Products - N Endicott AVE ECSI#1134
Investigation Status: 206

NARR:

NARR ID: 5726206
NARR Code : Contamination
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: GWISTAR
Updated Date: 2003-06-27 08:54:27.
NARR Comments Early investigations by DEQ and EPA suggested that the property may be contaminated by PCBs from Peter Haney's operations. Sampling in 1988 found low levels of PCBs, and elevated levels of heavy metals, particularly lead (up to 5,039 ppm). (For more information on Mr. Haney's activities, see ECSI #s 96, 145, 999, and 1135.) The Northwest Cast Metal Products - N Endicott Avenue site (ECSI #1134) has been combined with the Malarkey Roofing Company site (ECSI #690).
1) August 1988 E&E TAT Site Assessment report. 2) May 1990 RES Remedial Investigation/ Feasibility Study (RI/FS) report. 3) June 11, 1990 DEQ

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S102079367

Interoffice Memorandum. 4) March 28, 1991 DEQ Remedial Action Staff Report. 5) Laboratory Data. lead, PCB 1242, PAHs Address of NW Cast Metal was 9200 N Endicott AVE (formerly ECSI site #1134). Burning of transformer insulation/oils; discharge to soil (1981-1984). Landfilling of inert construction debris (1950s to present). Discharge of soda ash to unlined settling ponds (1956-1983). The Columbia Slough borders the site to the north. The Kenton neighborhood is across Columbia Blvd. to the south. Industrial properties border the site to the east and west. The site is within the Columbia River floodplain, but is protected by a 20 foot clay dike built and maintained by the US Army Corps of Engineers. Shallow groundwater flow is to the southwest (Slough recharges groundwater). Malarkey entered into a voluntary agreement with DEQ's Site Response Section in August 1988 to remediate the contamination at the site. 2300 cubic yards of contaminated soil were excavated in January 1989, and an additional 700 cubic yards were excavated in November-December 1990. Both soil piles were disposed of at the Hillsboro Landfill, and the excavations were backfilled with clean soil. Confirmation sampling found some scattered elevated levels after the removals. However, taking into account the depth of the elevated levels (at least one foot bgs) and the lack of observed groundwater contamination, DEQ determined that no further action was necessary at the site under the state Environmental Cleanup program. Malarkey's landfilling activities will continue to be monitored under a Solid Waste permit. The Herbert Malarkey Roofing Company has been manufacturing roofing materials at the site since 1956. (The site was used as farmland previously). Inert waste materials, including demolition debris and waste products from Malarkey's operations, have been landfilled on the northern portion of the site. In places the landfill is up to 30 feet deep. In 1984, Malarkey purchased adjacent property with two warehouses. One warehouse had been used by Central Brass and Aluminum as a foundry. The other warehouse had been occupied by Peter O. Haney, who ran a transformer salvage and secondary metal smelting operation.

NARR ID: 5726207
NARR Code : Data Sources
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.
NARR ID: 5726208
NARR Code : Hazardous Substance/Waste Types
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.
NARR ID: 5726209
NARR Code : Site Location
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.
NARR ID: 5726210
NARR Code : Manner of Release
Created By: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

(Continued)

S102079367

Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5726211
 NARR Code : Pathways Other Hazards
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5726212
 NARR Code : Remedial Action
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5743700
 NARR Code : Site History
 Created By: GWISTAR
 Create Date: 2003-06-27 08:54:38.
 Updated By: GWISTAR
 Updated Date: 2003-06-27 08:54:38.

ECWQ:

Owner Site Num: 131991	FACA Id :	5131
Site Name: Malarkey Roofing Co.		
County Code : 26.00		
Owner Name: Central Brass and Aluminum		
Owner Address: 3131 N Columbia BLVD Portland, 97217		
Lat/Long 45.5902 / -122.6989		
Owner Code: NFA		
Owner Site Num: 131992	FACA Id :	5131
Site Name: Malarkey Roofing Co.		
County Code : 26.00		
Owner Name: Herbert Malarkey Roofing Co.		
Owner Address: 3131 N Columbia BLVD Portland, 97217		
Lat/Long 45.5902 / -122.6989		
Owner Code: NFA		
Owner Site Num: 131993	FACA Id :	5131
Site Name: Malarkey Roofing Co.		
County Code : 26.00		
Owner Name: Northwest Cast Metal Products		
Owner Address: 3131 N Columbia BLVD Portland, 97217		
Lat/Long 45.5902 / -122.6989		
Owner Code: NFA		

PERMIT:

Permit Number: Not reported	Permit Type:	Not reported
Permit Agency: Not reported		
Permit Comments: Not reported		

ADMIN ACT:

Admin ID: 702067	Action ID:	9443
Agency ID : Dept Of Environmental Quality	Start Date:	1991-10-08 00:00:00
Further Action: 0	Region ID:	Northwestern Region
Complete Date: 1991-10-08 00:00:00	Substance Code:	SRS
Rank Value: 0	Cleanup Flag:	False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S102079367

Updated By: GWISTAR Update Date: 2004-08-06 13:54:19.
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 361
 Comments : Not reported
 Administrative Action: NO FURTHER STATE ACTION REQUIRED
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : NO FURTHER STATE ACTION REQUIRED

Admin ID: 713792 Action ID: 9421
 Agency ID : Environmental Protection Agency Start Date: 1985-11-01 00:00:00
 Further Action: Not reported Region ID: Not reported
 Complete Date: Not reported Substance Code: Not reported
 Rank Value: 0 Cleanup Flag: False
 Updated By: dmc Update Date: 1995-09-15 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: Not reported
 Comments : Not reported
 Administrative Action: Site added to CERCLIS
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Site added to CERCLIS

Admin ID: 715584 Action ID: 9412
 Agency ID : Dept Of Environmental Quality Start Date: 1988-12-23 00:00:00
 Further Action: Not reported Region ID: Headquarters
 Complete Date: 1988-12-23 00:00:00 Substance Code: SRS
 Rank Value: 0 Cleanup Flag: False
 Updated By: dmc Update Date: 1995-08-21 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 361
 Comments : Not reported
 Administrative Action: Consent Order
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Consent Order

Admin ID: 714950 Action ID: 9425
 Agency ID : Dept Of Environmental Quality Start Date: 1988-12-22 00:00:00
 Further Action: Not reported Region ID: Headquarters
 Complete Date: 1988-12-22 00:00:00 Substance Code: SRS
 Rank Value: 0 Cleanup Flag: False
 Updated By: dmc Update Date: 1995-11-27 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 361
 Comments : Not reported
 Administrative Action: SITE EVALUATION
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : SITE EVALUATION

Admin ID: 714951 Action ID: 9503
 Agency ID : Dept Of Environmental Quality Start Date: 1988-12-22 00:00:00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

(Continued)

S102079367

Further Action: Not reported	Region ID: Not reported
Complete Date: 1988-12-22 00:00:00	Substance Code: SRS
Rank Value: 0	Cleanup Flag: False
Updated By: dmc	Update Date: 1995-06-08 00:00:00
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: 361	
Comments : Not reported	
Administrative Action:	Remedial Investigation/Feasibility Study recommended
Admin Action Category:	Not reported
Admin Flag:	True
Admin Action Code Flag:	False
Admin Action :	Remedial Investigation/Feasibility Study recommended
Admin ID: 716956	Action ID: 9457
Agency ID : Environmental Protection Agency	Start Date: 1987-09-28 00:00:00
Further Action: Not reported	Region ID: Not reported
Complete Date: 1987-09-29 00:00:00	Substance Code: Not reported
Rank Value: 0	Cleanup Flag: False
Updated By: kpd	Update Date: 1995-04-04 00:00:00
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: Not reported	
Comments : State lead	
Administrative Action:	EPA Basic Preliminary Assessment
Admin Action Category:	Not reported
Admin Flag:	True
Admin Action Code Flag:	False
Admin Action :	EPA Basic Preliminary Assessment
Admin ID: 716957	Action ID: 9458
Agency ID : Environmental Protection Agency	Start Date: 1988-10-18 00:00:00
Further Action: Not reported	Region ID: Not reported
Complete Date: 1988-10-19 00:00:00	Substance Code: Not reported
Rank Value: 0	Cleanup Flag: False
Updated By: kpd	Update Date: 1995-04-04 00:00:00
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: Not reported	
Comments : Not reported	
Administrative Action:	EPA Preliminary Assessment 2
Admin Action Category:	Not reported
Admin Flag:	True
Admin Action Code Flag:	False
Admin Action :	EPA Preliminary Assessment 2
Admin ID: 716958	Action ID: 9444
Agency ID : Environmental Protection Agency	Start Date: 1988-10-19 00:00:00
Further Action: Not reported	Region ID: Not reported
Complete Date: 1988-10-19 00:00:00	Substance Code: Not reported
Rank Value: 0	Cleanup Flag: False
Updated By: kpd	Update Date: 1995-04-04 00:00:00
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: Not reported	
Comments : Not reported	
Administrative Action:	No Further Remedial Action Planned under Federal program
Admin Action Category:	Not reported
Admin Flag:	True
Admin Action Code Flag:	False
Admin Action :	No Further Remedial Action Planned under Federal program

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

(Continued)

S102079367

<p>Admin ID: 718383 Agency ID : Dept Of Environmental Quality Further Action: Not reported Complete Date: Not reported Rank Value: 0 Updated By: kpd Created By: Not reported Employee Id: 26 Comments : Not reported Administrative Action: Site added to database Admin Action Category: Not reported Admin Flag: True Admin Action Code Flag: False Admin Action : Site added to database</p>	<p>Action ID: 9424 Start Date: 1988-10-08 00:00:00 Region ID: Headquarters Substance Code: SAS Cleanup Flag: False Update Date: 1997-12-15 00:00:00 Create Date: 2002-12-17 08:50:22.</p>
<p>Admin ID: 721672 Agency ID : Dept Of Environmental Quality Further Action: 0 Complete Date: 1992-02-11 00:00:00 Rank Value: 0 Updated By: GWISTAR Created By: Not reported Employee Id: 361 Comments : Not reported Administrative Action: Closeout activities on completed project Admin Action Category: Not reported Admin Flag: True Admin Action Code Flag: False Admin Action : Closeout activities on completed project</p>	<p>Action ID: 9413 Start Date: 1991-10-08 00:00:00 Region ID: Northwestern Region Substance Code: SRS Cleanup Flag: False Update Date: 2004-08-06 13:47:50. Create Date: 2002-12-17 08:50:22.</p>
<p>Admin ID: 721141 Agency ID : Dept Of Environmental Quality Further Action: Not reported Complete Date: 1991-03-08 00:00:00 Rank Value: 0 Updated By: dmc Created By: Not reported Employee Id: 361 Comments : Removal action Administrative Action: REMEDIAL ACTION Admin Action Category: Not reported Admin Flag: True Admin Action Code Flag: False Admin Action : REMEDIAL ACTION</p>	<p>Action ID: 9469 Start Date: 1990-08-20 00:00:00 Region ID: Headquarters Substance Code: SRS Cleanup Flag: False Update Date: 1995-11-27 00:00:00 Create Date: 2002-12-17 08:50:22.</p>
<p>Admin ID: 723715 Agency ID : Dept Of Environmental Quality Further Action: Not reported Complete Date: 1990-05-03 00:00:00 Rank Value: 0 Updated By: dmc Created By: Not reported Employee Id: 361 Comments : Not reported Administrative Action: FEASIBILITY STUDY Admin Action Category: Not reported</p>	<p>Action ID: 9429 Start Date: 1988-12-23 00:00:00 Region ID: Headquarters Substance Code: SRS Cleanup Flag: False Update Date: 1995-11-27 00:00:00 Create Date: 2002-12-17 08:50:22.</p>

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

(Continued)

S102079367

Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : FEASIBILITY STUDY

Admin ID:	723716	Action ID:	9484
Agency ID :	Dept Of Environmental Quality	Start Date:	1988-12-23 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	1990-05-07 00:00:00	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-11-27 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	361		
Comments :	Not reported		

Administrative Action: REMEDIAL INVESTIGATION
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : REMEDIAL INVESTIGATION

Admin ID:	721508	Action ID:	9459
Agency ID :	Dept Of Environmental Quality	Start Date:	1991-06-10 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	1991-10-08 00:00:00	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	GWISTAR	Update Date:	2004-08-06 13:47:57.
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	361		
Comments :	Not reported		

Administrative Action: PRELIMINARY ASSESSMENT EQUIVALENT
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : PRELIMINARY ASSESSMENT EQUIVALENT

Admin ID:	724414	Action ID:	9445
Agency ID :	Dept Of Environmental Quality	Start Date:	1988-11-30 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	Not reported	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	CONV	Update Date:	1994-09-13 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		

Administrative Action: Responsible party notified re 11/88 Inventory listing
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Responsible party notified re 11/88 Inventory listing

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S102079367

Monitor : Not reported
Manifest Num : Not reported
Removed By : Not reported
Loc Comments: Not reported
Disposal Sub ID: Not reported
Substance ID: Not reported
Created By: Not reported
Create Date: Not reported

FEATURE:

Feature Id : Not reported
Site Id : Not reported
Feature Code : Not reported
Relative Position : Not reported
Hazard Rel Id : Not reported
Region Code : Not reported
Lat Long Method : Not reported
Lat Long Source : Not reported
County Code : Not reported
Reference Id : Not reported
Twnshp Coord : Not reported
Township Zone : Not reported
Range Coord : Not reported
Range Zone : Not reported
Section Coord : Not reported
Qtr Section Coord : Not reported
Address : Not reported
 Not reported
Zip Plus : Not reported
Lat/Long : Not reported
Lat/Lon Decimal : Not reported
Feature Size : Not reported
Est Accuracy : Not reported
Created On Date : Not reported
Created By Prgm : Not reported
Last Updated By : Not reported
Last Updated On : Not reported
Comment : Not reported

WELL:

Well ID: Not reported
Water Resource Code: Not reported
Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 131991
Operation Status : Inactive
Common Name : Central Brass and Aluminum
Yrs of Operation : unknown; prior to 1984
Comments : unknown; prior to 1984
Updated By : kpd
Updated Date : 1995-04-04 00:00:00

Process Code ID: Not reported
Years Of Process: Not reported
Created By: Not reported
Created Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S102079367

Operations SIC Id:Not reported
SIC Code: Not reported
Created By: Not reported
Created Date: Not reported
Operation Id : 131992
Operation Status :Active
Common Name : Herbert Malarkey Roofing Co.
Yrs of Operation : 1956 to present
Comments : 1956 to present
Updated By : kpd
Updated Date : 1995-04-04 00:00:00

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:195041
SIC Code: 2952
Created By: Not reported
Created Date: 2002-12-17 08:50:34.
Operation Id : 131993
Operation Status :Inactive
Common Name : Northwest Cast Metal Products
Yrs of Operation : 1981-1984
Comments : 1981-1984
Updated By : kpd
Updated Date : 1995-04-04 00:00:00

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:195912
SIC Code: 3499
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

OR SPILLS:

Facility ID:	00-000	Spill Date:	05-26-1992
Material:	HOT ASPHALT	Quantity:	UNKNOWN
Unit:	Not reported		
Release Date:	/ /	Year:	Not reported
How Occurred:	FIRE CAUSED SPILL		Not reported
Source:	Not reported	Media	Not reported
Materials:	Not reported		
Location:	Not reported		
Description:	Not reported		
Responsible Company:	MALARKEY ROOFING CO.		
Responsible Content:	Not reported		
Responsible party addr :	Not reported		
	Not reported		
Resp party country :	Not reported		
Description :	Not reported		

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
R86	SW	1/4-1/2	2397 ft.		HENRY, WAYNE & ROXANNE 8000 N WOOLSEY AVENUE PORTLAND, OR 97203	LUST	S106116922	N/A
					Site 3 of 3 in cluster R			
					Relative: Higher Actual: 140 ft.	LUST: Facility ID: 26-03-2398 Region: North Western Region Cleanup Start: 14-Nov-03 Closed Date: Not reported Cleanup Complete: Not reported		
87	West	1/4-1/2	2426 ft.		MULLINS, SHARON HOT 8825 N FISKE PORTLAND, OR 97203	LUST	S104024112	N/A
					Relative: Higher Actual: 114 ft.	LUST: Facility ID: 26-99-0762 Region: North Western Region Cleanup Start: 16-Jul-99 Closed Date: Not reported Cleanup Complete: Not reported		
88	SW	1/4-1/2	2476 ft.		DURAN, JOSEPH 8102 N. DWIGHT AVE PORTLAND, OR 97203	LUST	S106475937	N/A
					Relative: Higher Actual: 138 ft.	LUST: Facility ID: 26-04-1145 Region: North Western Region Cleanup Start: 18-Jun-04 Closed Date: 9-Aug-04 Cleanup Complete: 9-Aug-04		
89	SE	1/4-1/2	2479 ft.		STEFFEN, DAN 3136 N KILPATRICK ST PORTLAND, OR 97217	LUST	S107466029	N/A
					Relative: Higher Actual: 117 ft.	LUST: Facility ID: 26-05-2033 Region: North Western Region Cleanup Start: 22-Sep-05 Closed Date: 13-Mar-06 Cleanup Complete: 13-Mar-06		
90	East	1/4-1/2	2482 ft.		GIBSON, STELLA 8805 N PENINSULAR PORTLAND, OR 97217	LUST	S105154341	N/A
					Relative: Lower Actual: 81 ft.	LUST: Facility ID: 26-01-8262 Region: North Western Region Cleanup Start: 18-Oct-01 Closed Date: 3-Apr-02		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

GIBSON, STELLA (Continued)

S105154341

Cleanup Complete: 3-Apr-02

U91
South
1/4-1/2
2485 ft.

COTO, JOSE
7689 N WASHBURNE AVENUE
PORTLAND, OR 97217

LUST S105981391
N/A

Site 1 of 3 in cluster U

Relative:
Higher

LUST:

Facility ID: 26-03-1498
 Region: North Western Region
 Cleanup Start: 28-Jul-03
 Closed Date: 8-Jul-04
Cleanup Complete: 8-Jul-04

Actual:
144 ft.

92
East
1/4-1/2
2492 ft.

ALVAREZ, GIBERTO
8734 N PENINSULAR
PORTLAND, OR 97217

LUST S107135033
N/A

LUST:

Facility ID: 26-05-0745
 Region: North Western Region
 Cleanup Start: 14-Apr-05
 Closed Date: 29-Sep-05
Cleanup Complete: 29-Sep-05

Relative:
Lower

Actual:
83 ft.

93
South
1/4-1/2
2510 ft.

THORESON, JEANNE
7676 N CHAUTAUQUA BOULEVARD
PORTLAND, OR 97217

LUST S106475334
N/A

LUST:

Facility ID: 26-04-0288
 Region: North Western Region
 Cleanup Start: 3-Mar-04
 Closed Date: 24-Sep-04
Cleanup Complete: 24-Sep-04

Relative:
Higher

Actual:
145 ft.

94
WSW
1/4-1/2
2540 ft.

MAIER, CHRIS
4804 N WILLIS
PORTLAND, OR 97203

LUST S104908200
N/A

LUST:

Facility ID: 26-01-5576
 Region: North Western Region
 Cleanup Start: 30-Mar-01
 Closed Date: 4-Jun-01
Cleanup Complete: 4-Jun-01

Relative:
Higher

Actual:
129 ft.

MAP FINDINGS

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

V95 SSE 1/4-1/2 2544 ft.	LITTLE, SHARIN 3632 N FARRAGUT STREET PORTLAND, OR 97217 Site 1 of 2 in cluster V LUST: Facility ID: 26-03-2149 Region: North Western Region Cleanup Start: 10-Oct-03 Closed Date: 14-Dec-04 Cleanup Complete: 14-Dec-04	LUST	S106116767 N/A
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96 ESE 1/4-1/2 2543 ft.	CROSS, DENVER 3036 N ARLINGTON PORTLAND, OR 97217 LUST: Facility ID: 26-04-2317 Region: North Western Region Cleanup Start: 17-Nov-04 Closed Date: 20-Jan-05 Cleanup Complete: 20-Jan-05	LUST	S106777573 N/A
--	--	-------------	---------------------------------

W97 SE 1/4-1/2 2560 ft.	GEISY, STEVE 3165 N WATTS ST PORTLAND, OR 97217 Site 1 of 2 in cluster W LUST: Facility ID: 26-04-2291 Region: North Western Region Cleanup Start: 16-Nov-04 Closed Date: 2-Mar-05 Cleanup Complete: 2-Mar-05	LUST	S106777555 N/A
--	---	-------------	---------------------------------

V98 SSE 1/4-1/2 2564 ft.	CAORLYN YOUNG NICOLE, TRUSTEE 3605 N FARRAGUT ST PORTLAND, OR 97217 Site 2 of 2 in cluster V LUST: Facility ID: 26-04-0932 Region: North Western Region Cleanup Start: 24-May-04 Closed Date: 21-Jul-04 Cleanup Complete: 21-Jul-04	LUST	S106475784 N/A
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MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
X99	SW	1/4-1/2	2575 ft.		PHILLIPS, ROBERT 8019 N DWIGHT AVE PORTLAND, OR 97203 Site 1 of 2 in cluster X	LUST	S106776795	N/A
	Relative: Higher				LUST: Facility ID: 26-02-5531 Region: North Western Region Cleanup Start: 9-Oct-01 Closed Date: 23-Apr-02 Cleanup Complete: 23-Apr-02			
Actual: 141 ft.								
Y100	South	1/4-1/2	2574 ft.		STROSS, DEVIN 3837 N BALDWIN PORTLAND, OR 97217 Site 1 of 2 in cluster Y	LUST	S104820167	N/A
	Relative: Higher				LUST: Facility ID: 26-00-5996 Region: North Western Region Cleanup Start: Not reported Closed Date: Not reported Cleanup Complete: Not reported			
Actual: 146 ft.								
X101	SW	1/4-1/2	2579 ft.		PHILLIPS, ROBERT 8015 N DWIGHT AVE PORTLAND, OR 97203 Site 2 of 2 in cluster X	LUST	S106776794	N/A
	Relative: Higher				LUST: Facility ID: 26-01-8172 Region: North Western Region Cleanup Start: 9-Oct-01 Closed Date: 7-May-02 Cleanup Complete: 7-May-02			
Actual: 142 ft.								
Y102	South	1/4-1/2	2578 ft.		BOLDMAN, MARK 3825 N BALDWIN STREET PORTLAND, OR 97217 Site 2 of 2 in cluster Y	LUST	S106475333	N/A
	Relative: Higher				LUST: Facility ID: 26-04-0287 Region: North Western Region Cleanup Start: 3-Mar-04 Closed Date: 27-Jul-04 Cleanup Complete: 27-Jul-04			
Actual: 145 ft.								

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
U103	South	1/4-1/2	2578 ft.		CALLISON 7676 N WASHBURNE AVENUE PORTLAND, OR 97217 Site 2 of 3 in cluster U	LUST	S105711156	N/A
	Relative: Higher				LUST: Facility ID: 26-02-1131 Region: North Western Region Cleanup Start: 15-Oct-02 Closed Date: 28-Jul-04 Cleanup Complete: 28-Jul-04			
	Actual: 146 ft.							
W104	SE	1/4-1/2	2586 ft.		LUTTRELL, M HOT 3154 N WATTS PORTLAND, OR 97217 Site 2 of 2 in cluster W	LUST	S100921464	N/A
	Relative: Higher				LUST: Facility ID: 26-94-5116 Region: North Western Region Cleanup Start: Not reported Closed Date: Not reported Cleanup Complete: Not reported			
	Actual: 123 ft.							
U105	South	1/4-1/2	2604 ft.		MEJIA, DON 7643 N WASHBURNE AVE PORTLAND, OR 97217 Site 3 of 3 in cluster U	LUST	S106475518	N/A
	Relative: Higher				LUST: Facility ID: 26-04-0563 Region: North Western Region Cleanup Start: 8-Apr-04 Closed Date: 22-Jul-04 Cleanup Complete: 22-Jul-04			
	Actual: 146 ft.							
Z106	SE	1/4-1/2	2613 ft.		COLE, JENNY 7925 N EMERALD AVE PORTLAND, OR 97217 Site 1 of 3 in cluster Z	LUST	S107135267	N/A
	Relative: Higher				LUST: Facility ID: 26-05-1070 Region: North Western Region Cleanup Start: 25-May-05 Closed Date: 30-Aug-05 Cleanup Complete: 30-Aug-05			
	Actual: 129 ft.							

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

Z107
SE
 1/4-1/2
 2628 ft.

HILL, BONNIE
7916 N EMERALD AVE
PORTLAND, OR 97217

LUST **S105154342**
N/A

Site 2 of 3 in cluster Z

Relative:
Higher

LUST:
 Facility ID: 26-01-6932
 Region: North Western Region
 Cleanup Start: 31-Aug-01
 Closed Date: 22-Oct-01
Cleanup Complete: 22-Oct-01

Actual:
129 ft.

Z108
SE
 1/4-1/2
 2632 ft.

WOODRING, TIM & BONNIE
7915 N EMERALD AVENUE
PORTLAND, OR 97217

LUST **S106475261**
N/A

Site 3 of 3 in cluster Z

Relative:
Higher

LUST:
 Facility ID: 26-04-0191
 Region: North Western Region
 Cleanup Start: 20-Feb-04
 Closed Date: 13-Jul-04
Cleanup Complete: 13-Jul-04

Actual:
129 ft.

109
SSE
 1/4-1/2
 2637 ft.

KENNARD, ALAN
3515 N FARRAGUT
PORTLAND, OR 97217

LUST **S106475600**
N/A

Relative:
Higher

LUST:
 Facility ID: 26-04-0678
 Region: North Western Region
 Cleanup Start: 21-Apr-04
 Closed Date: 13-Jul-04
Cleanup Complete: 13-Jul-04

Actual:
144 ft.

110
North
 1/2-1
 2935 ft.

PACIFIC CARBIDE & ALLOYS CO.
9901 N HURST AVE.
PORTLAND, OR 97203

SHWS - ECSI **S103841572**
OR CRL **N/A**

Relative:
Lower

ECSI:	State ID Number: 268	Brown ID	Brownfield Site - No Public Sector Assistance
	Study Area: False		
Actual:	Cerclis ID: 009130535	Tax Lots:	500, 800
33 ft.	Size: 15.6 acres	NPL:	False
	Orphan: False	Region ID:	2
	Lat/Long: 45.5940 / -122.710	Tax Lots:	500, 800
	Township Coord.: 1.00	Township Zone:	N
	Range Coord.: 1.00	Range Zone:	E
	Section Coord.: 5	Qtr Section:	Dc
	Legislative : 5	Further Action:	256
	FACA ID : 15350	Score Value:	Not reported
	Update Date : 2006-02-22 16:15:25.	Created Date:	CONV
	Created Time : 1988-04-18 00:00:00		
	Updated By : GWISTAR		

HAZ RELEASED:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Quant. Released: Not reported
Date: Not reported
Update Date: 2003-12-22 11:19:19.
Update By: MPUGH
Substance ID : 121462
Code : 56-55-3
Substance Name : BENZO(a)ANTHRACENE
Substance Abbrev. : Not reported
Substance Categ ID : 8475
Substance Sub Categ : Semi-volatiles
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 318790
Sub Alias Name : BENZ(a)ANTHRACENE
Substance Alias ID : 318791
Sub Alias Name : BENZANTHRACENE,1,2-
Substance Alias ID : 318792
Sub Alias Name : BENZANTHRENE
Substance Alias ID : 318793
Sub Alias Name : BENZOANTHRACENE
Substance Alias ID : 318794
Sub Alias Name : BENZPHENANTHRENE,2,3-
Substance Alias ID : 318795
Sub Alias Name : NAPHTHANTHRACENE
Substance Alias ID : 318796
Sub Alias Name : TETRAPHENE
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 347598
Feature Id : 0
Hazard Release Id : 386140
Medium Code Id : 700
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : 4 feet below pile surface
Start Date : 2003-10-21 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2005-09-08 15:48:33.
Sample Comment : 17.2 mg/kg. Sample from lime pile.
Quant. Released: Not reported
Date: Not reported
Update Date: 2003-12-22 11:21:01.
Update By: MPUGH
Substance ID : 121374
Code : 50-32-8
Substance Name : BENZO(a)PYRENE
Substance Abbrev. : Not reported
Substance Categ ID : 8476
Substance Sub Categ : Semi-volatiles

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 318559
Sub Alias Name : B(a)P
Substance Alias ID : 318560
Sub Alias Name : BENZOPYRENE,3,4-
Substance Alias ID : 318561
Sub Alias Name : BENZPYRENE,3,4-
Substance Alias ID : 318562
Sub Alias Name : BP
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 347599
Feature Id : 0
Hazard Release Id : 386141
Medium Code Id : 700
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : False
Sample Depth : 4 feet below piles surface
Start Date : 2003-10-21 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2005-09-08 15:48:45.
Sample Comment : 14.9 mg/kg. Sample from lime piles.
Quant. Released: Not reported
Date: Not reported
Update Date: 2003-12-22 11:23:13.
Update By: MPUGH
Substance ID : 121646
Code : 7440-02-0
Substance Name : NICKEL
Substance Abbrev. : Not reported
Substance Categ ID : 8469
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319266
Sub Alias Name : NI
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 347600
Feature Id : 0
Hazard Release Id : 386142
Medium Code Id : 700
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Lab Data : False
Sample Depth : 10 below pile surface
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : MPUGH
Last Updated On : 2005-08-15 09:03:07.
Sample Comment : 412 mg/kg. Sample from lime pile.
Quant. Released: Not reported
Date: Not reported
Update Date: 2005-08-15 09:04:03.
Update By: MPUGH
Substance ID : 121679
Code : 7440-66-6
Substance Name : ZINC
Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : 319302
Sub Alias Name : ZN
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 347601
Feature Id : 0
Hazard Release Id : 386143
Medium Code Id : 700
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : False
Sample Depth : 10 feet below pile surface
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2005-09-08 15:49:24.
Sample Comment : 583 mg/kg. Sample from lime pile.
Quant. Released: Not reported
Date: Not reported
Update Date: 2003-12-22 11:25:56.
Update By: MPUGH
Substance ID : 121668
Code : 7440-43-9
Substance Name : CADMIUM
Substance Abbrev. : Not reported
Substance Categ ID : 8460
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Substance Alias ID : 319291
Sub Alias Name : CD
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 347602
Feature Id : 0
Hazard Release Id : 386144
Medium Code Id : 700
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : False
Sample Depth : 0.5
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : MPUGH
Last Updated On : 2005-08-15 09:00:48.
Sample Comment : 2.9 mg/kg. Sample from lime pile.

Alias Name: Not reported
Investigation Status: 207

NARR:

NARR ID: 5730586
NARR Code : Contamination
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: JWAGGY
Updated Date: 2005-09-08 15:58:50.

NARR Comments Calcium carbide manufacturing plant from the early 1940's until 1987. Produced acetylene gas from 1940 to 1961 or 1962. Only known use beside previous farm use.

Industrial and commercial use. The site is Adjacent to the Columbia slough. Shallow groundwater discharge to the Slough is a beneficial water use at the site.

Ecological Impacts to the Columbia Slough. The bank adjacent to the site appears to be composed, in part, of lime material, and may present a threat to ecological receptors. Site workers could be exposed through dust inhalation. .

Current site workers could be exposed through dust inhalation. Construction, occupational and utility workers could be exposed through direct contact with lime. PAH concentrations in the lime (42,450 cubic yards) exceed human health risk-based standards. Elevated pH also may pose a threat through direct contact.

PAHs have been detected in shallow groundwater. Perched groundwater has not been sampled, but likely exhibits elevated pH. Relatively low levels of PAHs have been detected in soil collected from beneath the piles. Bank soil of the Columbia Slough

appear to be composed of lime, and appear light-colored and cemented.

Direct Contact with lime; leaching of PAHs in the lime waste to groundwater; overland runoff of the lime material to the Columbia Slough; historical breaching of the former lagoon walls has resulted in lime material deposited in the Slough.

(7/2/92 KPD/SAS) Pacific Carbide produced calcium carbide from 1940 to 1987.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Early in the plant's history, limestone was calcined in a kiln to produce a high quality quick lime. Later on, the limestone calcining process was discontinued and a high grade of commercial quick lime was used in the production process. The quick lime was combined with a high grade of commercial coke in an electric arc furnace to produce calcium carbide. Acetylene gas was produced by combining calcium carbide with water. Pacific Carbide sold calcium carbide and acetylene gas as product. Furnace cooling water and scrubber water containing calcium hydroxide were discharged to a settling pond. The pond occasionally discharged to the Columbia Slough. An NPDES permit in the late 1960s allowed cooling water to be discharged but required a recirculation system for scrubbing water. Calcium hydroxide solids were deposited into two collection ponds (including the original settling pond). Pacific Carbide dismantled the plant in the late 1980s. Hazardous materials within the plant (asbestos, PCB-filled transformers, etc.) were removed and properly disposed of. Pacific Carbide estimates that 42,450 cubic yards of calcium hydroxide remain on the site. The company is attempting to sell this as product. (11/20/02, CWH) Additional investigation by Pacific Carbide estimated that 40-60 55-gallon drums of reacted calcium carbide (calcium hydroxide) may have been buried along the base of the north dike on the property in the mid to late 1950s. A photograph from 1967 shows a large discharge of collection pond solids to Columbia Slough. Historical maps show that a storm drain on the property went directly to the Slough. Evaluation of 1994 sediment data taken as part of a Screening Level Risk Assessment by the City of Portland showed that a sample taken adjacent to Pacific Carbide had concentrations of PAHs and metals above upstream and downstream Slough sediment samples. Cyanide was detected at concentrations slightly above detection limits. The combined set of data and history of the site indicate that the detected sediment contaminants may have originated from the Pacific Carbide property. (12/21/03 MTP). CH2M Hill conducted sampling of the lime piles in October 2003. Twenty-four samples were collected from various depths within the piles. Metals detected below human health risk-based concentrations included cadmium, lead, nickel, and zinc. A number of PAHs were detected. Benzo(a)pyrene concentrations in almost all samples exceeded human health risk-based concentrations (RBCs) for direct contact under an occupational exposure scenario. 1) DEQ NWR/WQ/AQ/HW/SW source files. 2) CERCLIS file. 3) Inspection reports. 4) EPA CERCLA Preliminary Assessment. 5) Correspondence FROM owner and/or operator. 6) "Columbia Slough Sediment Screening Level Risk Assessment (Appendix D data tables), City of Portland, January 20, 1995. Interim Removal Measure Investigation Report Pacific Carbide and Alloy Company CH2MHill. July 2005. Lime piles containing polynuclear aromatic hydrocarbons (PAHs), and metals. Lime has high pH (generally >10). Landfilling, discharge to surface waters. Time of release: 1940-1987 (7/2/92 KPD/SAS) Calcium hydroxide is not a listed hazardous waste.. Pacific Carbide assured Site Assessment that when the calcium hydroxide is sold, the company will seek DEQ's approval before any removal is carried out. Site Assessment recommends a low-priority Preliminary Assessment (PA) to more fully characterize the extent of contamination (if any) at the site, and to identify what threat(s)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

this contamination may pose to public health or the environment. (11/20/02, CWH/SAS) Reevaluation of the site, analysis of its historic release record, and the sediment data indicate that the by-product lime ponds may have contained PAHs from the calcium carbide manufacturing process. Therefore, Site Assessment assigns a high priority for an Expanded Preliminary Assessment (XPA) to evaluate the site conditions and past discharge impacts to the Columbia Slough. (MTP 12/21/03) A portion of the XPA work (e.g., lime pile sampling) requested by DEQ has been completed. DEQ is awaiting the final report for the lime pile sampling. Due to elevated PAH concentrations present in the lime pile above RBCs for human health, and potential impacts on Columbia Slough sediment quality, DEQ will propose this site for listing on the Confirmed Release List (CRL) and Inventory of Hazardous substance sites. (3/15/05 MTP/SRP) Pacific Carbide is investigating an interim remedial action measure (IRAM) to address the lime piles. Sampling to complete the engineering evaluation was completed in Spring 2005. This information will be evaluated to determine the appropriate IRAM for the site. Pacific Carbide has agreed to complete an RI, including an evaluation of impacts to the Slough, following completion of the IRAM.

NARR ID: 5730587
 NARR Code : Data Sources
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: MPUGH
 Updated Date: 2005-08-15 11:33:09.
 NARR ID: 5730588
 NARR Code : Hazardous Substance/Waste Types
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: MPUGH
 Updated Date: 2005-08-15 09:05:09.
 NARR ID: 5743232
 NARR Code : Land Use (Current/Reasonably Likely)
 Created By: CHARMAN
 Create Date: 2003-03-25 11:46:25.
 Updated By: MPUGH
 Updated Date: 2004-06-22 07:34:05.
 NARR ID: 5730589
 NARR Code : Manner of Release
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5746400
 NARR Code : Media Contamination
 Created By: JWAGGY
 Create Date: 2005-03-15 14:59:07.
 Updated By: MPUGH
 Updated Date: 2005-08-15 11:17:33.
 NARR ID: 5746401
 NARR Code : Pathways Other Hazards
 Created By: MPUGH
 Create Date: 2005-03-17 08:22:42.
 Updated By: MPUGH
 Updated Date: 2005-08-15 09:06:36.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

NARR ID: 5730590
 NARR Code : Remedial Action
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: GWISTAR
 Updated Date: 2006-02-22 16:13:09.
 NARR ID: 5743233
 NARR Code : Health Threats
 Created By: CHARMAN
 Create Date: 2003-03-25 11:48:02.
 Updated By: MPUGH
 Updated Date: 2005-08-15 09:00:21.
 NARR ID: 5743231
 NARR Code : Site History
 Created By: CHARMAN
 Create Date: 2003-03-25 11:45:53.
 Updated By: MPUGH
 Updated Date: 2005-08-15 08:38:55.

ECWQ:

Owner Site Num: 131691 FACA Id : 1052
 Site Name: Pacific Carbide & Alloys Co.
 County Code : 26.00
 Owner Name: Pacific Carbide & Alloys Co.
 Owner Address: 9901 N Hurst AVE
 Portland, 97203
 Lat/Long 45.5936 / -122.7097
 Owner Code: LIS

PERMIT:

Permit Number: Not reported Permit Type: Not reported
 Permit Agency: Not reported
 Permit Comments: Not reported

ADMIN ACT:

Admin ID: 713724 Action ID: 9421
 Agency ID : Environmental Protection Agency Start Date: 1979-08-01 00:00:00
 Further Action: Not reported Region ID: Not reported
 Complete Date: Not reported Substance Code: Not reported
 Rank Value: 0 Cleanup Flag: False
 Updated By: dmc Update Date: 1995-09-15 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: Not reported
 Comments : Not reported
 Administrative Action: Site added to CERCLIS
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Site added to CERCLIS

Admin ID: 714747 Action ID: 9425
 Agency ID : Dept Of Environmental Quality Start Date: 1992-06-30 00:00:00
 Further Action: Not reported Region ID: Headquarters
 Complete Date: 1992-07-01 00:00:00 Substance Code: SAS
 Rank Value: 0 Cleanup Flag: False
 Updated By: kpd Update Date: 1996-02-29 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 301
 Comments : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Complete Date:	2002-11-20 00:00:00	Substance Code:	SAS
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	GWISTAR	Update Date:	2003-10-20 17:06:28.
Created By:	CHARMAN	Create Date:	2003-03-25 11:10:30.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	PRELIMINARY ASSESSMENT EQUIVALENT		
Admin ID:	724760	Action ID:	9437
Agency ID :	Dept Of Environmental Quality	Start Date:	1992-07-01 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	1992-07-01 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-10-05 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	301		
Comments :	Not reported		
Administrative Action:	Listing Review completed		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Listing Review completed		
Admin ID:	724761	Action ID:	9449
Agency ID :	Dept Of Environmental Quality	Start Date:	1992-07-02 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	Not reported	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-10-05 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	301		
Comments :	Not reported		
Administrative Action:	Insufficient information to list		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Insufficient information to list		
Admin ID:	724762	Action ID:	9496
Agency ID :	Dept Of Environmental Quality	Start Date:	1992-07-03 00:00:00
Further Action:	Low	Region ID:	Headquarters
Complete Date:	1992-07-03 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	CHARMAN	Update Date:	2003-03-25 11:02:49.
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	301		
Comments :	Not reported		
Administrative Action:	State Basic Preliminary Assessment recommended (PA)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	State Basic Preliminary Assessment recommended (PA)		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Admin ID: 727651 Action ID: 9520
 Agency ID : Dept Of Environmental Quality Start Date: 2003-05-27 00:00:00
 Further Action: 0 Region ID: Northwestern Region
 Complete Date: Not reported Substance Code: VCS
 Rank Value: Not reported Cleanup Flag: False
 Updated By: MPUGH Update Date: 2005-08-15 11:18:12.
 Created By: MPUGH Create Date: 2003-11-25 09:23:54.
 Employee Id: 2030
 Comments : A letter agreement between DEQ and Pacific Carbide & Alloys Company for completion of an Expanded Preliminary Assessment became effective May 27, 2003.
 Administrative Action: EXPANDED PRELIMINARY ASSESSMENT
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : EXPANDED PRELIMINARY ASSESSMENT

Admin ID: 729984 Action ID: 9492
 Agency ID : Dept Of Environmental Quality Start Date: 2004-06-01 00:00:00
 Further Action: 0 Region ID: 0
 Complete Date: Not reported Substance Code: Not reported
 Rank Value: Not reported Cleanup Flag: False
 Updated By: MPUGH Update Date: 2005-03-14 08:06:46.
 Created By: MPUGH Create Date: 2005-03-14 08:06:46.
 Employee Id: 2030
 Comments : Not reported
 Administrative Action: REMOVAL ASSESSMENT
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : REMOVAL ASSESSMENT

Admin ID: 730939 Action ID: 9438
 Agency ID : Dept Of Environmental Quality Start Date: 2005-08-23 00:00:00
 Further Action: 0 Region ID: Northwestern Region
 Complete Date: 2005-08-23 14:50:25 Substance Code: SAS
 Rank Value: Not reported Cleanup Flag: False
 Updated By: JWAGGY Update Date: 2005-08-23 14:51:10.
 Created By: JWAGGY Create Date: 2005-08-23 14:51:10.
 Employee Id: 313
 Comments : Not reported
 Administrative Action: Facility placed on Confirmed Release List
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Facility placed on Confirmed Release List

Admin ID: 730940 Action ID: 9439
 Agency ID : Dept Of Environmental Quality Start Date: 2005-08-23 00:00:00
 Further Action: 0 Region ID: Northwestern Region
 Complete Date: 2005-08-23 00:00:00 Substance Code: SAS
 Rank Value: Not reported Cleanup Flag: False
 Updated By: JWAGGY Update Date: 2005-08-23 14:51:31.
 Created By: JWAGGY Create Date: 2005-08-23 14:51:31.
 Employee Id: 313
 Comments : Not reported
 Administrative Action: Facility placed on Inventory

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Facility placed on Inventory

Admin ID:	728636	Action ID:	9465
Agency ID :	Dept Of Environmental Quality	Start Date:	2005-03-28 00:00:00
Further Action:	0	Region ID:	0
Complete Date:	2005-03-28 00:00:00	Substance Code:	Not reported
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2005-03-28 13:47:22.
Created By:	MPUGH	Create Date:	2004-06-22 07:35:48.
Employee Id:	2030		
Comments :	Not reported		

Administrative Action: Facility proposed for Confirmed Release List
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Facility proposed for Confirmed Release List

Admin ID:	728637	Action ID:	9467
Agency ID :	Dept Of Environmental Quality	Start Date:	2005-03-28 00:00:00
Further Action:	0	Region ID:	0
Complete Date:	2005-03-28 00:00:00	Substance Code:	Not reported
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	MPUGH	Update Date:	2005-08-15 11:18:56.
Created By:	MPUGH	Create Date:	2004-06-22 07:40:40.
Employee Id:	2030		

Comments : The strategy recommendation and field sampling data comprise the necessary information to propose the site on the Inventory. The large volumes of the pile and impacts to the Columbia Slough, shallow groundwater and soil requires an RI/FS

Administrative Action: Facility proposed for Inventory
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Facility proposed for Inventory

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC CARBIDE & ALLOYS CO. (Continued)

S103841572

Site Id : Not reported
Feature Code : Not reported
Relative Position : Not reported
Hazard Rel Id : Not reported
Region Code : Not reported
Lat Long Method : Not reported
Lat Long Source : Not reported
County Code : Not reported
Reference Id : Not reported
Township Coord : Not reported
Township Zone : Not reported
Range Coord : Not reported
Range Zone : Not reported
Section Coord : Not reported
Qtr Section Coord : Not reported
Address : Not reported
Not reported
Zip Plus : Not reported
Lat/Long : Not reported
Lat/Lon Decimal : Not reported
Feature Size : Not reported
Est Accuracy : Not reported
Created On Date : Not reported
Created By Prgm : Not reported
Last Updated By : Not reported
Last Updated On : Not reported
Comment : Not reported

WELL:

Well ID: Not reported
Water Resource Code: Not reported
Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 131691
Operation Status :Inactive
Common Name : Pacific Carbide & Alloys Co.
Yrs of Operation : 1940-1987
Comments : 1940-1987
Updated By : JWAGGY
Updated Date : 2005-08-22 14:37:30.

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:195339
SIC Code: 2819
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

OR CRL:

Facility ID: 268
Location ID: 15350
Status Code: LIS
Facility Status: REMOVAL ASSESSMENT
Lat/Long: 45.594 / -122.7104

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

111 NW CAST/UNIVERSAL SILVER
ENE 9233 N CALVERT AVE.
1/2-1 PORTLAND, OR 97217
3041 ft.

SHWS - ECSI S103303279
OR CRL N/A

Relative:
Lower

ECSI:

State ID Number: 999	Brown ID	Brownfield Site - Assistance From Other Public Agencies
Study Area: False		
Cerclis ID: SFN1000521	Tax Lots:	Block 55, Peninsular Addn. #4
Size: 36,649 sq.ft.	NPL:	False
Orphan: False	Region ID:	2
Lat/Long: 45.5894 / -122.696	Tax Lots:	Block 55, Peninsular Addn. #4
Township Coord.: 1.00	Township Zone:	N
Range Coord.: 1.00	Range Zone:	E
Section Coord.: 9	Qtr Section:	BACB
Legislative : 9	Further Action:	0
FACA ID : 6227	Score Value:	Not reported
Update Date : 2006-01-31 11:42:15.	Created Date:	CONV
Created Time : 1988-04-11 00:00:00		
Updated By : GWISTAR		

HAZ RELEASED:

Quant. Released: Unknown
 Date: Unclear
 Update Date: 1996-09-05 00:00:00
 Update By: Not reported

Substance ID : 121059
 Code : 1336-36-3
 Substance Name : PCBs
 Substance Abbrev. : Not reported
 Substance Categ ID : 8558
 Substance Sub Categ : PCB Substances for the OSPIRG Report
 Category Level : Not reported
 Created By : Not reported
 Create Date : 2002-12-17 08:50:34.
 Substance Alias ID : 317029
 Sub Alias Name : BIPHENYL,POLYCHLORO-
 Substance Alias ID : 317030
 Sub Alias Name : CHLORINATED BIPHENYL
 Substance Alias ID : 317031
 Sub Alias Name : CHLOROBIPHENYL
 Substance Alias ID : 317032
 Sub Alias Name : POLYCHLORINATED BIPHENYLs
 Substance Alias ID : 317033
 Sub Alias Name : POLYCHLOROBIPHENYL
 Rel Comment ID : 304681
 Release Code : Data Sources
 Release Comments : Statements by property owner Eugene D. Pringle, Jr. (March 13, 1996 DEQ Phone Log; May 6, 1996, letter from Mr. Pringle to DEQ), that he possesses analytical data which demonstrates contaminated site soils.

Rel Comment ID : 304682
 Release Code : Media Contamination Footnote
 Release Comments : On-site soils. Potential for groundwater contamination, and contamination of Columbia Slough sediments.

Sampling Result ID : Not reported
 Feature Id : Not reported
 Hazard Release Id : Not reported
 Medium Code Id : Not reported
 Substance Id : Not reported
 Unit Code : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Observation : Not reported
 Owner Operator : Not reported
 Lab Data : Not reported
 Sample Depth : Not reported
 Start Date : Not reported
 End Date : Not reported
 Minimum Concentration : Not reported
 Max Concentration : Not reported
 Last Update By : Not reported
 Last Updated On : Not reported
 Sample Comment : Not reported
 Quant. Released: Unknown
 Date: Unclear
 Update Date: 1996-09-05 00:00:00
 Update By: Not reported
 Substance ID : 121974
 Code : ECD132
 Substance Name : CHLORINATED HYDROCARBONS
 Substance Abbrev. : Not reported
 Substance Categ ID : Not reported
 Substance Sub Categ : Not reported
 Category Level : Not reported
 Created By : Not reported
 Create Date : Not reported
 Substance Alias ID : Not reported
 Sub Alias Name : Not reported
 Rel Comment ID : 304683
 Release Code : Data Sources
 Release Comments : Statements by current property owner Eugene D. Pringle, Jr. (DEQ Phone Log, March 13, 1996; letter from Mr. Pringle to DEQ, May 6, 1996) that he has analytical data which demonstrates on-site soil contamination.
 Rel Comment ID : 304684
 Release Code : Media Contamination Footnote
 Release Comments : On-site soils. Potential for contamination of shallow groundwater and nearby Columbia Slough sediments.
 Sampling Result ID : Not reported
 Feature Id : Not reported
 Hazard Release Id : Not reported
 Medium Code Id : Not reported
 Substance Id : Not reported
 Unit Code : Not reported
 Observation : Not reported
 Owner Operator : Not reported
 Lab Data : Not reported
 Sample Depth : Not reported
 Start Date : Not reported
 End Date : Not reported
 Minimum Concentration : Not reported
 Max Concentration : Not reported
 Last Update By : Not reported
 Last Updated On : Not reported
 Sample Comment : Not reported
 Quant. Released: Not reported
 Date: Not reported
 Update Date: 1998-07-20 00:00:00
 Update By: Not reported
 Substance ID : 121662

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Code : 7440-36-0
Substance Name : ANTIMONY
Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : 319283
Sub Alias Name : SB
Substance Alias ID : 319284
Sub Alias Name : STIBIUM
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340140
Feature Id : Not reported
Hazard Release Id : 381737
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 23.7 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121664
Code : 7440-38-2
Substance Name : ARSENIC
Substance Abbrev. : Not reported
Substance Categ ID : 8439
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319286
Sub Alias Name : AS
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340141
Feature Id : Not reported
Hazard Release Id : 381738
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 25 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121666
Code : 7440-41-7
Substance Name : BERYLLIUM
Substance Abbrev. : Not reported
Substance Categ ID : 8459
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319288
Sub Alias Name : BE
Substance Alias ID : 319289
Sub Alias Name : GLUCINIUM
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340142
Feature Id : Not reported
Hazard Release Id : 381739
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 1.21 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121668
Code : 7440-43-9
Substance Name : CADMIUM
Substance Abbrev. : Not reported
Substance Categ ID : 8460
Substance Sub Categ : Inorganics

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319291
Sub Alias Name : CD
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340143
Feature Id : Not reported
Hazard Release Id : 381740
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 22.2 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121671
Code : 7440-47-3
Substance Name : CHROMIUM
Substance Abbrev. : Not reported
Substance Categ ID : 8462
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 318145
Sub Alias Name : CHROMIUM, INORGANIC
Substance Alias ID : 319294
Sub Alias Name : CHROMIUM, TOTAL
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340144
Feature Id : Not reported
Hazard Release Id : 381741
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 1,000 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121672
Code : 7440-48-4
Substance Name : COBALT
Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : 319295
Sub Alias Name : CO
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340145
Feature Id : Not reported
Hazard Release Id : 381742
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 126 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121673
Code : 7440-50-8
Substance Name : COPPER
Substance Abbrev. : Not reported
Substance Categ ID : 8464
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319296
Sub Alias Name : CU
Rel Comment ID : Not reported
Release Code : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Release Comments : Not reported
Sampling Result ID : 340146
Feature Id : Not reported
Hazard Release Id : 381743
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 4,440 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121639
Code : 7439-92-1
Substance Name : LEAD
Substance Abbrev. : Not reported
Substance Categ ID : 8466
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319256
Sub Alias Name : PB
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340147
Feature Id : Not reported
Hazard Release Id : 381744
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 1,700 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Substance ID : 121643
Code : 7439-97-6
Substance Name : MERCURY
Substance Abbrev. : Not reported
Substance Categ ID : 8467
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319260
Sub Alias Name : HG
Substance Alias ID : 319261
Sub Alias Name : HYDRARGYRUM
Substance Alias ID : 319262
Sub Alias Name : LIQUID SILVER
Substance Alias ID : 319263
Sub Alias Name : QUICKSILVER
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340148
Feature Id : Not reported
Hazard Release Id : 381745
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 5.75 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121646
Code : 7440-02-0
Substance Name : NICKEL
Substance Abbrev. : Not reported
Substance Categ ID : 8469
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319266
Sub Alias Name : NI
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340149
Feature Id : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Hazard Release Id : 381746
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 463 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121654
Code : 7440-22-4
Substance Name : SILVER
Substance Abbrev. : Not reported
Substance Categ ID : 8470
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319274
Sub Alias Name : AG
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340150
Feature Id : Not reported
Hazard Release Id : 381747
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 59.3 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121679
Code : 7440-66-6
Substance Name : ZINC

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : 319302
Sub Alias Name : ZN
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340151
Feature Id : Not reported
Hazard Release Id : 381748
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 2,080 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121210
Code : 218-01-9
Substance Name : CHRYSENE
Substance Abbrev. : Not reported
Substance Categ ID : 8481
Substance Sub Categ : Semi-volatiles
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 317438
Sub Alias Name : BENZ(a)PHENANTHRENE
Substance Alias ID : 317439
Sub Alias Name : BENZPHENANTHRENE,1,2-
Substance Alias ID : 317440
Sub Alias Name : DIBENZONAPHTHALENE,1,2,5,6-
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340152
Feature Id : Not reported
Hazard Release Id : 381749
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 19.4 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121192
Code : 205-99-2
Substance Name : BENZO(b)FLUORANTHENE
Substance Abbrev. : Not reported
Substance Categ ID : 8477
Substance Sub Categ : Semi-volatiles
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 317390
Sub Alias Name : B(b)F
Substance Alias ID : 317391
Sub Alias Name : BENZ(e)ACEPHENANTHRYLENE
Substance Alias ID : 317392
Sub Alias Name : BENZFLUORANTHENE,3,4-
Substance Alias ID : 317393
Sub Alias Name : BENZOFLUORANTHENE,2,3-
Substance Alias ID : 317394
Sub Alias Name : BENZOFLUORANTHENE,3,4-
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340153
Feature Id : Not reported
Hazard Release Id : 381750
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 34.4 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Substance ID : 121374
Code : 50-32-8
Substance Name : BENZO(a)PYRENE
Substance Abbrev. : Not reported
Substance Categ ID : 8476
Substance Sub Categ : Semi-volatiles
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 318559
Sub Alias Name : B(a)P
Substance Alias ID : 318560
Sub Alias Name : BENZOPYRENE,3,4-
Substance Alias ID : 318561
Sub Alias Name : BENZPYRENE,3,4-
Substance Alias ID : 318562
Sub Alias Name : BP
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340154
Feature Id : Not reported
Hazard Release Id : 381751
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 18.5 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 121009
Code : 12672-29-6
Substance Name : PCB 1248
Substance Abbrev. : Not reported
Substance Categ ID : 8555
Substance Sub Categ : PCB Substances for the OSPIRG Report
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 316910
Sub Alias Name : AROCLOR 1248
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340155
Feature Id : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Hazard Release Id : 381752
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 19.21 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 120909
Code : 11097-69-1
Substance Name : PCB 1254
Substance Abbrev. : Not reported
Substance Categ ID : 8556
Substance Sub Categ : PCB Substances for the OSPIRG Report
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 316559
Sub Alias Name : AROCHLOR 1254
Substance Alias ID : 316560
Sub Alias Name : AROCLOR 1254
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340156
Feature Id : Not reported
Hazard Release Id : 381753
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : 157.21 mg/kg
Quant. Released: Not reported
Date: Not reported
Update Date: 1998-07-20 00:00:00
Update By: Not reported
Substance ID : 122012

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Code : ECD275
Substance Name : TOTAL PETROLEUM HYDROCARBONS (TPH)
Substance Abbrev. : Not reported
Substance Categ ID : 8540
Substance Sub Categ : Petroleum Related Releases for OSPIRG Report
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : Not reported
Sub Alias Name : Not reported
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 340157
Feature Id : Not reported
Hazard Release Id : 381754
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : 1998-02-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : jmw
Last Updated On : 2002-05-13 00:00:00
Sample Comment : (motor oil) 43,000 mg/kg

Alias Name: Auric Enterprises
Broad Spectrum Electronics
Dental Alloys Exchange
Northwest Cast Metal Products
Pringle Trucking Company

Investigation Status: 207

NARR:

NARR ID: 5733474
NARR Code : Site Contacts
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.

NARR Comments NW Cast and Universal Silver businesses operated precious metals recovery, secondary smelting and transformer salvaging at this site during the late 1970 s. Little detail is available about past use of the site.
Current site owner Eugene D. Pringle, Jr. apparently lives on the site: address 9233 N Calvert Avenue, Portland 97217. No known phone number. Former site of Pringle Trucking Company, which dissolved in May 1995. Mr. Pringle's attorney: Michael J. Petersen, 7318 N. Leavitt, Portland, 97217, (503) 286-5895. Other Peter O. Haney sites include ECSI #96, 145, 690, and 1135.
The site consists of an old single story wood frame building. Most of the site structures were removed during 1990 - 1992. In 1978-79, the site was occupied by two businesses: Northwest Cast Metal Products, and Universal Silver Company. Both busines

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

ses are thought to have been owned and operated by Peter Haney and Harold Matthews. Peter Haney performed both metal smelting and transformer salvaging operations, possibly using oil from the transformers to fuel the smelters, or burning PCB-contain
ing oil during transformer salvaging operations; therefore, dioxins and dibenzofurans (PCB combustion products) may be on-site. From 1983-84, Dental Alloys Exchange, a company that recovered metals from dental works, operated at the site. This compa
ny may also have been operated by Haney and Matthews. There are reportedly two inactive fuel USTs (1000 gal each - contents unknown) and a gasoline pump on-site. There may be heavy metals and acids on-site due to salvage and reclaiming activities. M
r. Pringle has indicated that he has documents demonstrating that PCB and chlorinated solvent contaminated soils and rubble were present at the site. He further indicated that a quantity of PCB-contaminated material was sent to the Arlington TSD fac
ility, and that other contaminated soils may have been stockpiled, or dumped, along the Columbia River.
Northwest Cast Metal Products was known to have buried scrap metal at its North Endicott site (ECSI #1134; also Malarkey Roofing, ECSI #690). There is also evidence that the company discharged hazardous substances (PCBs, toxic metals) to storm sewer
s at a third site (Pacific Meat Company site, ECSI #145). Similar practices may have occurred at this site (N Calvert Ave.). A frontage road to the north of and parallel to Columbia Blvd., was constructed in about 1991. A small portion of the southe
rn end of the former Northwest Cast Metal Products site was condemned at that time for highway right-of-way. Soil analyses at that time reportedly indicated the presence of PCBs and chlorinated hydrocarbons. Current site owner Eugene Pringle claims
that some soils were removed and sent to the Arlington HW Disposal site, while some was simply stockpiled along the Columbia River. The site reportedly also has two 1000-gallon fuel USTs that have been inactive since 1974. The tanks, according to Mr
. Pringle, are being decommissioned in place by backfilling with sand.
EPA CERCLA Preliminary Assessment, Northwest Cast/Universal Silver, 9/87. EPA CERCLA PA, Pacific Meat Company, ECSI #145, 9/87. EPA CERCLA PA, Auric Enterprises, ECSI #96, 10/90. DEQ RI/FS, Malarkey Roofing Company, ECSI #690, 5/90. DEQ Phone log of
conversation with Eugene D. Pringle, Jr. (current site owner), 3/15/96. SAS Site Information Request response from Eugene Pringle, 5/6/96.
Northwest Cast Metal Products and Universal Silver operated in a 1935-era one-story wood-frame building on the west side of N Calvert Avenue, between N Newark Street and Frontage Road. The central 2/3 of this structure was removed between 1990 - 199
2. The site had a gasoline dispenser and two fuel USTs near the north end of the block, just south of a structure at the SW intersection of N Calvert and N Newark. This structure was destroyed by a fire in 2001, and has been razed.
One small build
ing also remains at the NW intersection of N Calvert and Frontage Road. A Champion Oil bulk storage facility lies along the SE portion of N Calvert, and a trucking firm (Blue Line Transport) occupies the NE portion of N Calvert. Two food-processing
plants (Happy Crab Seafood and Doug Bjerke Food Service) lie to the north of Newark Avenue, between the Northwest Cast Metal Products site and the Columbia Slough. The Pacific Meat Company site (another former Northwest Cast Metal Products site) is

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

located less than 200 yards NE of this site (NE of the intersection of Burrage Ave. and Newark St.). PCBs, chlorinated hydrocarbons, other organic solvents, toxic metals, cyanide, dioxins, furans, gasoline, heavy petroleum, and PAHs are all considered potential site contaminants. PAHs, PCBs, cyanide, toxic metals and diesel and oil have been detected in soil on-site. No analysis of soil for dioxins/furans has been done. Current site owner, Eugene Pringle, Jr., claims that laboratory data indicates that PCBs and chlorinated hydrocarbons have been detected at the site. There is no data to indicate that hazardous-substance releases (such as other organic contaminants, toxic metals, dioxins, dibenzofurans) have occurred at this site. However, releases occurred at three other North Portland sites where Peter O. Haney conducted similar operations during the subsequent six years. Cleanups have been conducted at two of those other sites, and a cleanup has also been recommended for the third site. Contamination at the three sites has been attributed both to spills and on-site disposals of hazardous substances. Since operations at the subject site appear to be no different than those at the three contaminated sites, the site should be investigated for potential spills and on-site disposals of PCBs, chlorinated hydrocarbons, other organic solvents, toxic metals, cyanide, heavy petroleum, PAHs, dioxins, and hydrofurans.

Located at 9233 N Calvert Avenue, in North Portland. On the west side of N Calvert Avenue, between N Newark Street and a N Columbia Blvd frontage road. Columbia Slough is 260 yards to the north. Residential areas are located 175 yards to the south, southeast, and southwest. Industrial property is located to the northwest and east. Interstate Highway 5 is located less than a mile to the east. There is currently no data to indicate how releases occurred at this site. Hazardous substance releases that have occurred at other sites where Peter O. Haney conducted similar operations have been attributed to accidental spills, leaking drums, incineration of PCB-containing oils, and disposals to storm sewers. Burial of metal wastes occurred at one of the sites. This site also has an on-site septic system and two inactive, 1000-gallon fuel USTs, which could have been used for hazardous waste disposal.

(4/8/99 MDK/SRP) Results of soil sampling conducted by DEQ in January 1998 indicate release has occurred to site soil and several metals exceed human health exposure, groundwater protection and aquatic criteria. PAHs and PCBs also exceed human health and groundwater protection criteria. Neither groundwater nor deeper soil has been investigated. Contamination in groundwater and Columbia Slough sediments are potential concerns. At nearby sites where Peter O. Haney conducted similar operations, contamination was found in surface soils, subsurface soils, groundwater, settling pond sediments, slough sediments, on asphalt surfaces, and on the inner surface of buildings where burning occurred.

Site was owned by Eugene D. Pringle, Jr., who operated the former Pringle Trucking Company from the site until it dissolved in May 1995. Mr. Pringle lived at the site until early 2001. While Northwest Cast Metal Products operated at the site, the property was owned by George H. Lord & Associates. Multnomah County foreclosed on back taxes owed by Eugene Pringle.

The site is undeveloped and unpaved and located in an industrial area 1000 feet

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

south of the Columbia Slough. Residential areas exist two blocks south of the site, and domestic wells exist within 0.5 and 1.5 miles of the site. Municipal/community drinking water supply wells are located within 1.5 and 2 miles of the site, although on the opposite side of Columbia Slough. A food processor's industrial well is located within 200 yards of the site. Two food-processing firms are located between the site and the Columbia Slough. Sediment samples in the South Slough show high levels of chromium. (7/3/03 MDK/C&ER) Storm drains along the southern margin of the site drain in storm water from the unpaved site several blocks to discharge into the Slough. DEQ performed a federal Preliminary Assessment (PA) on the site for EPA in 1987. DEQ recommended that the PA be followed up with a Site Investigation (SI). EPA, however, decided that no further federal action was necessary, and referred the site back to the state. A DEQ PAE was completed 5/8/96, which recommended an XPA for the site. Further investigation is needed to determine the extent of soil PCB and chlorinated hydrocarbon contamination, and if releases of other hazardous substances (such as petroleum, PAHs, other organic contaminants, toxic metals, cyanide, dioxins, or dibenzofurans) occurred at the site. PCB and chlorinated hydrocarbon contaminated soils have reportedly been removed at the site's southern end. (8/19/97/LSK/SAS) Site was reevaluated as part of review of all sites within the Columbia Slough Study Area. (7/20/98 MDK/SRP) Site assigned to Site Response in May 1997. During November 1997, large buildings on SE corner of property demolished without permit. DEQ conducted sampling of surface soil in January 1998 under county court order. Soil sampling report expected to be completed in September 1998. (11/4/98 MDK/SRP) Site sampling report completion expected in 4th quarter 1998. (4/8/99 MDK/SRP) DEQ provided a copy of the site investigation report to site owner in January 1999 with notification that a RI/FS is necessary. The site owner has not responded to DEQ attempts to contact during January, February, and March 1999. (11/30/99 MDK/SRP) DEQ is considering enforcement action or possible Orphan Site designation. (5/29/01 MDK/SRP) This site was referred to EPA for further site assessment in January 2000. EPA conducted an initial site visit with sampling on April 5, 2001, and will prepare a work plan for a site inspection with sampling to be conducted during the current fiscal year. (5/6/02 MDK/SRP) EPA visited the site in April 2001 to aid in development of a Site Inspection work plan. EPA learned that Multnomah County had foreclosed on property taxes earlier in 2001 and therefore referred the site back to DEQ. DEQ met with Multnomah County in April 2002 to discuss additional investigation needs for the site. (7/3/03 MDK/C&ER) Multnomah County is working to obtain brownfields funding to conduct necessary investigation and cleanup. Although no contaminants other than PCBs and chlorinated hydrocarbons have been detected at the site, potential site contaminants of concern also include lead, arsenic, cadmium, mercury, beryllium, cyanide, and PAHs. Other potential site contaminants might include gasoline, zinc, copper, antimony, inorganic acids, phenols, 1,2-dichlorobenzene, dioxins and dibenzofurans, and bis(2-ethylhexyl)phthalate. The site lies within 200 yards of a residential area: property to the south of Columbia Blvd. (southeast, south, southwest, and west of the site) is all

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

residential. The site is not fenced. Two food processors, Happy Crab Seafood and Doug Bjerke Food Service, lie within 200 yards of the site, between the site and the Columbia Slough. A food processor's industrial well lies within 200 yards of the site, although use of that well is unclear at this time. Well logs and Water Rights for nearby domestic, municipal, and community wells indicate that 5 domestic wells and two municipal/community wells lie between 0.5 and 2.0 miles of the site, but all are located on the other side of the Columbia Slough. Potential for impact to these wells is unclear. (4/8/99 MDK/SRP) A pathway exists from site surface soil to the Slough via site runoff and storm drains.

- NARR ID: 5733475
- NARR Code : Contamination
- Created By: Not reported
- Create Date: 2002-12-17 08:50:04.
- Updated By: Not reported
- Updated Date: 2002-12-17 08:50:04.
- NARR ID: 5733476
- NARR Code : Disposals
- Created By: Not reported
- Create Date: 2002-12-17 08:50:04.
- Updated By: Not reported
- Updated Date: 2002-12-17 08:50:04.
- NARR ID: 5733477
- NARR Code : Data Sources
- Created By: Not reported
- Create Date: 2002-12-17 08:50:04.
- Updated By: Not reported
- Updated Date: 2002-12-17 08:50:04.
- NARR ID: 5733478
- NARR Code : General Site Description
- Created By: Not reported
- Create Date: 2002-12-17 08:50:04.
- Updated By: JWAGGY
- Updated Date: 2003-07-03 15:01:18.
- NARR ID: 5733479
- NARR Code : Hazardous Substance/Waste Types
- Created By: Not reported
- Create Date: 2002-12-17 08:50:04.
- Updated By: Not reported
- Updated Date: 2002-12-17 08:50:04.
- NARR ID: 5733480
- NARR Code : Project Issues Summary
- Created By: Not reported
- Create Date: 2002-12-17 08:50:04.
- Updated By: Not reported
- Updated Date: 2002-12-17 08:50:04.
- NARR ID: 5733481
- NARR Code : Site Location
- Created By: Not reported
- Create Date: 2002-12-17 08:50:04.
- Updated By: Not reported
- Updated Date: 2002-12-17 08:50:04.
- NARR ID: 5733482
- NARR Code : Manner of Release
- Created By: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5733483
 NARR Code : Media Contamination
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: JWAGGY
 Updated Date: 2003-07-03 15:13:15.
 NARR ID: 5733484
 NARR Code : Site Ownership
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: JWAGGY
 Updated Date: 2003-07-09 16:07:34.
 NARR ID: 5733485
 NARR Code : Pathways Other Hazards
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: JWAGGY
 Updated Date: 2003-07-03 15:17:05.
 NARR ID: 5733486
 NARR Code : Remedial Action
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: JWAGGY
 Updated Date: 2003-07-09 15:56:32.
 NARR ID: 5733487
 NARR Code : Substances of Concern
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5733488
 NARR Code : Health Threats
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5743774
 NARR Code : Site History
 Created By: JWAGGY
 Create Date: 2003-07-03 15:03:45.
 Updated By: JWAGGY
 Updated Date: 2003-07-03 15:03:45.

ECWQ:

Owner Site Num: 132299
 Site Name: NW Cast/Universal Silver
 County Code : 26.00
 Owner Name: NW Cast/Universal Silver
 Owner Address: 9233 N Calvert AVE
 Portland, 97217
 Lat/Long 45.5895 / -122.6951
 Owner Code: LIS

FACA Id : 6227

PERMIT:

Permit Number: Not reported

Permit Type: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Permit Agency: Not reported
 Permit Comments: Not reported

ADMIN ACT:

Admin ID:	706352	Action ID:	9502
Agency ID :	Dept Of Environmental Quality	Start Date:	1999-01-01 00:00:00
Further Action:	High	Region ID:	Northwestern Region
Complete Date:	1999-01-01 00:00:00	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	2000-05-16 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	459		
Comments :	Not reported		
Administrative Action:	Remedial Investigation recommended (RI)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Remedial Investigation recommended (RI)		

Admin ID:	710262	Action ID:	9470
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-10-29 00:00:00
Further Action:	High	Region ID:	Northwestern Region
Complete Date:	1996-10-29 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1997-10-06 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	466		
Comments :	Site reevaluated as part of review of sites near the Columbia Slough; priority elevated from a medium to a high based on contaminants in the Slough and potential for similar site releases. Referred to SRS 4/7/97.		

Administrative Action: Other remedial or investigative action recommended
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Other remedial or investigative action recommended

Admin ID:	710516	Action ID:	9425
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-03-11 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-05-07 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1997-10-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	349		
Comments :	Not reported		

Administrative Action: SITE EVALUATION
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : SITE EVALUATION

Admin ID:	710517	Action ID:	9437
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-05-06 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-05-06 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1997-10-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Agency ID :	Dept Of Environmental Quality	Start Date:	1996-05-07 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-05-07 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1997-10-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	349		
Comments :	Not reported		

Administrative Action:	Proposal for Confirmed Release List recommended		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Proposal for Confirmed Release List recommended		

Admin ID:	712618	Action ID:	9499
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-05-07 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-05-07 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1997-10-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	349		
Comments :	Not reported		

Administrative Action:	Proposal for Inventory recommended		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Proposal for Inventory recommended		

Admin ID:	713715	Action ID:	9421
Agency ID :	Environment Protection Agency	Start Date:	1985-12-29 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	Not reported	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		

Administrative Action:	Site added to CERCLIS		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site added to CERCLIS		

Admin ID:	714820	Action ID:	9459
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-03-11 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-05-07 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1997-10-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	349		
Comments :	State PAE		

Administrative Action:	PRELIMINARY ASSESSMENT EQUIVALENT		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	No Further Remedial Action Planned under Federal program		
Admin ID:	722302	Action ID:	9508
Agency ID :	Dept Of Environmental Quality	Start Date:	1994-02-12 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	1994-02-12 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1996-02-28 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	293		
Comments :	Not reported		
Administrative Action:	Site Screening recommended (EV)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site Screening recommended (EV)		
Admin ID:	726687	Action ID:	9468
Agency ID :	Environmental Protection Agency	Start Date:	2001-02-01 00:00:00
Further Action:	0	Region ID:	0
Complete Date:	2001-03-01 15:54:51	Substance Code:	Not reported
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2003-07-09 15:58:31.
Created By:	JWAGGY	Create Date:	2003-07-09 15:58:31.
Employee Id:	0		
Comments :	PA/SI abandoned due to tax foreclosure.		
Administrative Action:	EPA PA1/SI1		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	EPA PA1/SI1		
Admin ID:	726688	Action ID:	9480
Agency ID :	Dept Of Environmental Quality	Start Date:	2000-01-01 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2000-01-01 15:54:51	Substance Code:	SRS
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2003-07-09 16:02:02.
Created By:	JWAGGY	Create Date:	2003-07-09 16:02:02.
Employee Id:	459		
Comments :	Not reported		
Administrative Action:	Federal Preliminary Assessment recommended		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Federal Preliminary Assessment recommended		
Admin ID:	726689	Action ID:	9482
Agency ID :	Dept Of Environmental Quality	Start Date:	2000-01-01 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2000-01-01 00:00:00	Substance Code:	SRS
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2003-07-09 16:03:00.
Created By:	JWAGGY	Create Date:	2003-07-09 16:03:00.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Employee Id: 459
 Comments : Not reported
 Administrative Action: Federal Site Inspection recommended
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Federal Site Inspection recommended

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported
County Code :	Not reported
Refrence Id :	Not reported
Twnshp Coord :	Not reported
Township Zone :	Not reported
Range Coord :	Not reported
Range Zone :	Not reported
Section Coord :	Not reported
Qtr Section Coord :	Not reported
Address :	Not reported
Zip Plus :	Not reported
Lat/Long :	Not reported
Lat/Lon Decimal :	Not reported
Feature Size :	Not reported
Est Accuracy :	Not reported
Created On Date :	Not reported
Created By Prgm :	Not reported
Last Updated By :	Not reported
Last Updated On :	Not reported
Comment :	Not reported

WELL:

Well ID:	Not reported
Water Resource Code:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NW CAST/UNIVERSAL SILVER (Continued)

S103303279

Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 132299
Operation Status :Inactive
Common Name : NW Cast/Universal Silver
Yrs of Operation : 1978-1984
Comments : 1978-1984
Updated By : sxf
Updated Date : 1996-05-09 00:00:00

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:196301
SIC Code: 3341
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

Operations SIC Id:196302
SIC Code: 3499
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

Operations SIC Id:196303
SIC Code: 4213
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

Operations SIC Id:196304
SIC Code: 7538
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

OR CRL:

Facility ID: 999
Location ID: 6227
Status Code: LIS
Facility Status: Remedial Investigation recommended (RI)
Lat/Long: 45.5894 / -122.6963

**AA112 PACIFIC MEAT CO.
ENE 2701 N NEWARK ST
1/2-1 PORTLAND, OR 97217
3351 ft.**

**OR CRL 1000252127
N/A**

Site 1 of 2 in cluster AA

**Relative:
Lower**

OR CRL:
Facility ID: 145
Location ID: 5413
Status Code: LIS
Facility Status: REMEDIAL INVESTIGATION
Lat/Long: 45.5904 / -122.6947

**Actual:
33 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AA113 **PACIFIC MEAT CO.**
ENE **2701 N NEWARK ST**
1/2-1 **PORTLAND, OR 97217**
3351 ft.

SHWS - ECSI **1006858847**
FINDS **110014213494**

Site 2 of 2 in cluster AA

Relative:
Lower

FINDS:

Actual:
33 ft.

Other Pertinent Environmental Activity Identified at Site:
 OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

ECSI:

State ID Number: 145	Brown ID	0
Study Area: False		
Cerclis ID: 050185750	Tax Lots:	2
Size: 6.3 acres	NPL:	False
Orphan: False	Region ID:	2
Lat/Long: 45.5904 / -122.694	Tax Lots:	2
Township Coord.: 1.00	Township Zone:	N
Range Coord.: 1.00	Range Zone:	E
Section Coord.: 9	Qtr Section:	Not reported
Legislative : 9	Further Action:	256
FACA ID : 5413	Score Value:	Not reported
Update Date : 2006-03-20 16:32:13.	Created Date:	CONV
Created Time : 1988-04-18 00:00:00		
Updated By : GWISTAR		

HAZ RELEASED:

Quant. Released: unknown
 Date: 1979-1981
 Update Date: 1995-05-24 00:00:00
 Update By: Not reported

Substance ID : 120908
 Code : 11096-82-5
 Substance Name : PCB 1260
 Substance Abbrev. : Not reported
 Substance Categ ID : 8496
 Substance Sub Categ : Semi-volatiles
 Category Level : Not reported
 Created By : Not reported
 Create Date : 2002-12-17 08:50:34.
 Substance Categ ID : 8557
 Substance Sub Categ : PCB Substances for the OSPIRG Report
 Category Level : Not reported
 Created By : Not reported
 Create Date : 2002-12-17 08:50:34.
 Substance Alias ID : 316557
 Sub Alias Name : AROCHLOR 1260
 Substance Alias ID : 316558
 Sub Alias Name : AROCLOR 1260
 Rel Comment ID : 303036
 Release Code : Release Containment
 Release Comments : Transformer oil drummed and stored along north roadway may have leaked. Transformer recycle area in northeast portion of site may be location of spills.

Sampling Result ID : 343410
 Feature Id : 0
 Hazard Release Id : 384840
 Medium Code Id : 703

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC MEAT CO. (Continued)

1006858847

Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : S-6, 0-0.5 FT
Start Date : 2002-02-14 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2003-07-28 11:05:14.
Sample Comment : 2.48 mg/kg
Sampling Result ID : 343411
Feature Id : 0
Hazard Release Id : 384840
Medium Code Id : 701
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : GP-32, 0-0.5 Ft
Start Date : 1988-05-19 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2003-07-28 11:01:36.
Sample Comment : 0.992 mg/kg
Quant. Released: Not reported
Date: 1979-1981
Update Date: 1995-05-24 00:00:00
Update By: Not reported
Substance ID : 121664
Code : 7440-38-2
Substance Name : ARSENIC
Substance Abbrev. : Not reported
Substance Categ ID : 8439
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319286
Sub Alias Name : AS
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 343412
Feature Id : 0
Hazard Release Id : 384841
Medium Code Id : 703
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC MEAT CO. (Continued)

1006858847

Sample Depth : GP-22B, 0-0.5 Ft
Start Date : 2002-02-28 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2003-07-22 13:49:25.
Sample Comment : 257 mg/kg
Quant. Released: Not reported
Date: 1979-1981
Update Date: 1995-05-24 00:00:00
Update By: Not reported
Substance ID : 121639
Code : 7439-92-1
Substance Name : LEAD
Substance Abbrev. : Not reported
Substance Categ ID : 8466
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319256
Sub Alias Name : PB
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 343413
Feature Id : 0
Hazard Release Id : 384842
Medium Code Id : 701
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Tank House Sump
Start Date : 1988-05-19 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2003-07-28 10:58:25.
Sample Comment : 2,485 mg/kg
Sampling Result ID : 347422
Feature Id : 0
Hazard Release Id : 384842
Medium Code Id : 701
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : West Settling Pond
Start Date : 2002-02-14 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC MEAT CO. (Continued)

1006858847

Last Update By : JWAGGY
Last Updated On : 2003-07-28 10:59:04.
Sample Comment : 1,020 mg/kg
Sampling Result ID : 347423
Feature Id : 0
Hazard Release Id : 384842
Medium Code Id : 701
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Columbia Slough
Start Date : 1988-05-01 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2003-07-28 10:59:33.
Sample Comment : 464 mg/kg
Quant. Released: Not reported
Date: 1979-1981
Update Date: 1995-05-24 00:00:00
Update By: Not reported
Substance ID : 121643
Code : 7439-97-6
Substance Name : MERCURY
Substance Abbrev. : Not reported
Substance Categ ID : 8467
Substance Sub Categ : Inorganics
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 319260
Sub Alias Name : HG
Substance Alias ID : 319261
Sub Alias Name : HYDRARGYRUM
Substance Alias ID : 319262
Sub Alias Name : LIQUID SILVER
Substance Alias ID : 319263
Sub Alias Name : QUICKSILVER
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : 343414
Feature Id : 0
Hazard Release Id : 384843
Medium Code Id : 701
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Stock Barn Gutter
Start Date : 1988-05-19 00:00:00
End Date : Not reported
Minimum Concentration : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC MEAT CO. (Continued)

1006858847

Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2003-07-28 10:59:55.
Sample Comment : 5 mg/kg
Sampling Result ID : 347424
Feature Id : 0
Hazard Release Id : 384843
Medium Code Id : 703
Substance Id : 0
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : GP-22a, 0-0.5 Ft
Start Date : 2002-02-28 00:00:00
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : JWAGGY
Last Updated On : 2003-07-28 11:00:37.
Sample Comment : 0.042 mg/kg

Alias Name: Blue Line Transportation Co.
Northwest Cast Metal Products
Investigation Status: 207

NARR:

NARR ID: 5729238
NARR Code : Contamination
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: GWISTAR
Updated Date: 2003-08-25 13:30:37.

NARR Comments The site is located at 2701 N Newark Street in north Portland. The northern property boundary is adjacent to the Columbia Slough, an environmentally vulnerable area.
The site originally operated as Pacific Meat Company, a meat rendering operation. During 1978 to 1981, the site was occupied by Peter O. Haney and used for such activities as secondary lead smelting, precious metals recovery, transformer salvaging and storage, and surplus paint and oil storage. The site contains two unlined ponds adjacent to the Columbia Slough, which the rendering plant had used as settling ponds.
Direct contact with contaminated soil, impact of discharges of contaminated groundwater on aquatic receptors, human consumption of fish exposed to PCB's in sediment.
The late Mr. Haney was known to use PCB-containing oils to fuel his lead smelter. Therefore, dioxins & furans (incomplete combustion products of PCBs) could have been formed at the site. Until a 1985 cleanup, the site contained several drums of oil contaminated with PCBs at up to 60,000 mg/kg. Before the 1985 removal, asphalt north of the stock barn was contaminated with PCBs at up to 7,400 mg/kg. In May 1988, Ecology & Environment conducted a sampling site assessment for EPA, and found significant levels of PCBs in soil and sediments from storm drain sumps and in the eastern settling pond. These samples also showed elevated levels of arsenic, lead, and mercury. (7/2/03 MDK/C&ER) Cyanide has been detected in pond fill, sediment, and in s

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC MEAT CO. (Continued)

1006858847

oil beneath the ponds and oil/water separator.
EPA CERCLA PA, Pacific Meat Company, 9/87.
The following wastes are or were at one time present at the site: transformer oil contaminated w/PCBs; cyanides; organic solvents and paints in drums; lead, mercury, arsenic, and zinc; phenols; and pesticides.
Site is on NE corner of the intersection of N Burrage and N Newark
Spills, leaks, illegal discharges, between 1979 and 1981.
Soil, sediments in storm drain sumps and settling ponds, possibly Columbia Slough sediment and surface water. Groundwater has not been investigated.
Pacific Meat Company moved, with no forwarding address. Peter O. Haney is deceased. Other Peter O. Haney related sites include ECSI #96, 690, 999, and 1135.
Sumps on the facility drain to the ponds. These ponds are a possible source of soil and groundwater contamination. Storm drains on-site have contaminated sediments. The site is within two blocks of residential areas, so that human direct contact with soil and sediments is a potential risk. (8/19/97 LSK/SAS) The primary pathways of concern are contact with contaminated soil, sediment and surface water. The site is within 500 ft. of the Lower Slough and south of Delta Park.
(5/24/95 GMW/SAS) In 1985, the property owner conducted a site evaluation, and hired Riedel Environmental Services to clean up the site. The cleanup consisted of: 1) the removal of about 5,000 gallons of surplus paints within the buildings; 2) removal of transformers and drummed PCB liquids; and 3) excavation and removal of PCB-contaminated asphalt and soil (11 cubic yards) from two areas just north of the "stock barn" building. E&E's 1988 site assessment was in part designed to assess the adequacy of the 1985 removal. E&E's report stated that it appeared as though the site had been cleaned up; however, their sample results showed high levels of PCBs and several metals remained in sump sediments, pond sediments, and in a few areas of soil.
I. According to the property owner, Charles Tindall, no assessment work has occurred since 1988, because EPA Region 10 issued a no further action letter for the property. Site Assessment recommends that the owner conduct further site characterization and remedial action, preferably under the guidance of the Voluntary Cleanup Program. The site is a medium priority, because the site's proximity to residential neighborhoods and West Delta Park raises the potential for human exposure to contaminated soil and sediments. Analyses for dioxins and furans should accompany any additional sampling at the site. (8/19/97 LSK/SAS) Site re-evaluated as part of review of all sites within the Columbia Slough Study Area, and given a high priority for further evaluation. (7/15/98 MDK/SRP) RI proposal submitted 7/6/98 per Consent Order; under review. (11/4/98 MDK/SRP) Revised RI proposal submitted 3rd quarter 1998; under review. (4/8/99 MDK/SRP) The RI proposal was accepted in January 1999 and the draft RI phase I workplan was due to DEQ on February 8, 1999. The workplan was not submitted and a Notice of Noncompliance (NON) was sent on April 8, 1999. (1/3/00 MDK/SRP) A Phase I RI workplan was submitted on April 9, 1999 and resubmitted on September 10, 1999. Phase I RI work was completed in September and October 1999. A Phase I Report is to be submitted by January 10, 2000. (4/13/2000 MDK/SRP) DEQ reviewed the Phase I report in a letter dated March 17, 2000, requested the RP prepare and submit a Phase II workplan considering IRAMs for contaminated pond sediments and on-site soil stockpile. The Phase I report was not approved and no revision was

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

PACIFIC MEAT CO. (Continued)

1006858847

requested. A Phase II workplan is to be submitted by May 16, 2000. (9/20/00 MDK/SRP) The Phase II work was split into land water use (LWU) determination and Eco Level I, and an RI/RA workplan. The LWU and Eco Level I were submitted on August 31, 2000 and are under review. A RI/RA workplan is to be submitted September 22, 2000. (5/29/01 MDK/SRP) A revised RI work plan was submitted on May 3, 2001, and is under review. A Columbia Slough sediment sampling work plan was submitted on May 25, 2001, and is also under review. (11/16/01 MDK/SRP) Initial review of the two work plans indicates that DEQ's comments and request for Scope of Work have not been fully addressed. DEQ expects to issue comments on the work plans in December 2001 and will pursue completion of both the upland and slough portions of the investigation. (5/8/02 MDK/SRP) The third revisions to the RI Work Plan and the Slough Sediment Sampling Work Plan were submitted on April 26, 2002, and are under review. (7/2/03 MDK/C&ER) DEQ conducted a complete file and data review in December 2002, and January 2003. A summary of data needs was issued on April 11, 2003, and discussed at a project meeting on April 14, 2003. RP committed to submittal of work plans for an IRM to fill the ponds and conduct the remaining RI work, and a slough sediment investigation. The work plans were submitted on June 4, 2003. DEQ has reviewed initial IRM data and plans and responded by email approving the proposed IRM with conditions. (8/26/04 MDK/C&ER): Additional investigations were conducted in summer 2003. DEQ review of remaining on site and slough investigation plans is underway. (6/16/05 MDK/CU&ER) Site status and data review will be completed in 3rd quarter 2005 to determine next steps for this site.

NARR ID: 5729239
NARR Code : Data Sources
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.
NARR ID: 5743909
NARR Code : General Site Description
Created By: JWAGGY
Create Date: 2003-07-22 13:44:54.
Updated By: JWAGGY
Updated Date: 2003-07-28 10:51:11.
NARR ID: 5729240
NARR Code : Hazardous Substance/Waste Types
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: JWAGGY
Updated Date: 2003-08-19 15:39:16.
NARR ID: 5729241
NARR Code : Site Location
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.
NARR ID: 5729242
NARR Code : Manner of Release
Created By: Not reported
Create Date: 2002-12-17 08:50:04.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PACIFIC MEAT CO. (Continued)

1006858847

Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5729243
 NARR Code : Media Contamination
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: JWAGGY
 Updated Date: 2003-07-28 11:08:14.
 NARR ID: 5729244
 NARR Code : Site Ownership
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5729245
 NARR Code : Pathways Other Hazards
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: JWAGGY
 Updated Date: 2003-07-28 11:09:03.
 NARR ID: 5729246
 NARR Code : Remedial Action
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: JWAGGY
 Updated Date: 2005-06-23 16:19:32.
 NARR ID: 5746756
 NARR Code : Health Threats
 Created By: JWAGGY
 Create Date: 2005-06-23 16:20:59.
 Updated By: JWAGGY
 Updated Date: 2005-06-23 16:20:59.
 NARR ID: 5743932
 NARR Code : Site History
 Created By: JWAGGY
 Create Date: 2003-07-28 10:54:04.
 Updated By: JWAGGY
 Updated Date: 2003-07-28 10:54:04.

ECWQ:

Owner Site Num: 131553 FACA Id : 5413
 Site Name: Pacific Meat Co.
 County Code : 26.00
 Owner Name: Pacific Meat Co.
 Owner Address: 2701 N Newark ST
 Portland, 97217
 Lat/Long 45.5904 / -122.6947
 Owner Code: LIS

PERMIT:

Permit Number: Not reported Permit Type: Not reported
 Permit Agency: Not reported
 Permit Comments: Not reported

ADMIN ACT:

Admin ID: 705817 Action ID: 9484
 Agency ID : Dept Of Environmental Quality Start Date: 1999-05-07 00:00:00
 Further Action: Not reported Region ID: Northwestern Region
 Complete Date: Not reported Substance Code: SRS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC MEAT CO. (Continued)

EDR ID Number
 EPA ID Number

1006858847

Rank Value:	0	Cleanup Flag:	False
Updated By:	jmw	Update Date:	2000-01-18 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	459		
Comments :	Not reported		

Administrative Action: REMEDIAL INVESTIGATION
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : REMEDIAL INVESTIGATION

Admin ID:	709833	Action ID:	9412
Agency ID :	Dept Of Environmental Quality	Start Date:	1998-05-08 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1998-05-08 00:00:00	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1998-06-03 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	459		

Comments : WMCSR-NWR-98-07
 Administrative Action: Consent Order
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Consent Order

Admin ID:	712663	Action ID:	9438
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-05-17 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-05-17 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kvp	Update Date:	1996-05-23 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	767		

Comments : Not reported
 Administrative Action: Facility placed on Confirmed Release List
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Facility placed on Confirmed Release List

Admin ID:	710263	Action ID:	9470
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-11-19 00:00:00
Further Action:	High	Region ID:	Northwestern Region
Complete Date:	1996-11-19 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	gmw	Update Date:	2001-09-17 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	466		

Comments : Site reevaluated as part of review of sites near Columbia Slough; priority elevated from medium to high based on proximity to Slough and contaminants released on-site and potentially off-site. Referred to SRS 5/8/97.
 Administrative Action: Other remedial or investigative action recommended
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Other remedial or investigative action recommended

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC MEAT CO. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1006858847

Admin ID:	712895	Action ID:	9439
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-07-20 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-07-20 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kvp	Update Date:	1996-07-23 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	767		
Comments :	Not reported		
Administrative Action:	Facility placed on Inventory		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Facility placed on Inventory		
Admin ID:	710799	Action ID:	9442
Agency ID :	Dept Of Environmental Quality	Start Date:	1997-10-01 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1998-05-08 00:00:00	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1998-06-03 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	459		
Comments :	Not reported		
Administrative Action:	NEGOTIATIONS		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	NEGOTIATIONS		
Admin ID:	713634	Action ID:	9437
Agency ID :	Dept Of Environmental Quality	Start Date:	1995-05-23 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1995-05-24 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1996-12-24 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	767		
Comments :	Not reported		
Administrative Action:	Listing Review completed		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Listing Review completed		
Admin ID:	713725	Action ID:	9421
Agency ID :	Environment Protection Agency	Start Date:	1985-09-30 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	Not reported	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		
Administrative Action:	Site added to CERCLIS		
Admin Action Category:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC MEAT CO. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1006858847

Rank Value: 0 Cleanup Flag: False
 Updated By: dmc Update Date: 1995-09-12 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 767
 Comments : Not reported
 Administrative Action: Proposal for Inventory recommended
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Proposal for Inventory recommended

Admin ID: 714887 Action ID: 9501
 Agency ID : Dept Of Environmental Quality Start Date: 1995-05-24 00:00:00
 Further Action: Medium Region ID: Northwestern Region
 Complete Date: 1995-05-24 00:00:00 Substance Code: SAS
 Rank Value: 0 Cleanup Flag: False
 Updated By: dmc Update Date: 1995-09-12 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 767
 Comments : Further site characterization and remediation needed.
 Administrative Action: Remedial Action recommended (RA)
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Remedial Action recommended (RA)

Admin ID: 715831 Action ID: 9425
 Agency ID : Dept Of Environmental Quality Start Date: 1995-04-05 00:00:00
 Further Action: Not reported Region ID: Northwestern Region
 Complete Date: 1995-04-05 00:00:00 Substance Code: SAS
 Rank Value: 0 Cleanup Flag: False
 Updated By: dmc Update Date: 1995-09-12 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 767
 Comments : Not reported
 Administrative Action: SITE EVALUATION
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : SITE EVALUATION

Admin ID: 715832 Action ID: 9457
 Agency ID : Environmental Protection Agency Start Date: 1987-09-18 00:00:00
 Further Action: Not reported Region ID: Not reported
 Complete Date: 1987-09-18 00:00:00 Substance Code: Not reported
 Rank Value: 0 Cleanup Flag: False
 Updated By: kpd Update Date: 1996-12-24 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: Not reported
 Comments : Federal PA (Bill Renfroe, DEQ)
 Administrative Action: EPA Basic Preliminary Assessment
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : EPA Basic Preliminary Assessment

Admin ID: 715833 Action ID: 9497

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC MEAT CO. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1006858847

Agency ID :	Dept Of Environmental Quality	Start Date:	1995-04-05 00:00:00
Further Action:	High	Region ID:	Northwestern Region
Complete Date:	1995-04-05 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-12 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	767		
Comments :	Not reported		

Administrative Action: Preliminary Assessment Equivalent recommended (PAE)
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Preliminary Assessment Equivalent recommended (PAE)

Admin ID:	715834	Action ID:	9459
Agency ID :	Dept Of Environmental Quality	Start Date:	1995-04-06 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1995-05-24 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-12 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	767		
Comments :	Not reported		

Administrative Action: PRELIMINARY ASSESSMENT EQUIVALENT
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : PRELIMINARY ASSESSMENT EQUIVALENT

Admin ID:	715835	Action ID:	9444
Agency ID :	Environmental Protection Agency	Start Date:	1993-09-13 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	1993-09-13 00:00:00	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-12 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		

Administrative Action: No Further Remedial Action Planned under Federal program
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : No Further Remedial Action Planned under Federal program

Admin ID:	717946	Action ID:	9424
Agency ID :	Dept Of Environmental Quality	Start Date:	1988-04-18 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	Not reported	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1996-12-24 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	631		
Comments :	Not reported		

Administrative Action: Site added to database
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC MEAT CO. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Admin Action :	Site added to database		
Admin ID:	724064	Action ID:	9445
Agency ID :	Dept Of Environmental Quality	Start Date:	1988-11-30 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	Not reported	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1996-12-24 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		
Administrative Action:	Responsible party notified re 11/88 Inventory listing		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Responsible party notified re 11/88 Inventory listing		
Admin ID:	703903	Action ID:	9409
Agency ID :	Dept Of Environmental Quality	Start Date:	2000-06-01 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	Not reported	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	gmw	Update Date:	2001-04-04 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	459		
Comments :	Not reported		
Administrative Action:	Beneficial Water Use Assessment		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Beneficial Water Use Assessment		
Admin ID:	703904	Action ID:	9436
Agency ID :	Dept Of Environmental Quality	Start Date:	2000-06-01 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	Not reported	Substance Code:	SRS
Rank Value:	0	Cleanup Flag:	False
Updated By:	gmw	Update Date:	2001-04-04 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	459		
Comments :	Not reported		
Administrative Action:	Land-Use Assessment		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Land-Use Assessment		
DISPOSAL:			
Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC MEAT CO. (Continued)

1006858847

Removed By : Not reported
Loc Comments: Not reported
Disposal Sub ID: Not reported
Substance ID: Not reported
Created By: Not reported
Create Date: Not reported

FEATURE:

Feature Id : Not reported
Site Id : Not reported
Feature Code : Not reported
Relative Position : Not reported
Hazard Rel Id : Not reported
Region Code : Not reported
Lat Long Method : Not reported
Lat Long Source : Not reported
County Code : Not reported
Reference Id : Not reported
Twnshp Coord : Not reported
Township Zone : Not reported
Range Coord : Not reported
Range Zone : Not reported
Section Coord : Not reported
Qtr Section Coord : Not reported
Address : Not reported
Not reported
Zip Plus : Not reported
Lat/Long : Not reported
Lat/Lon Decimal : Not reported
Feature Size : Not reported
Est Accuracy : Not reported
Created On Date : Not reported
Created By Prgm : Not reported
Last Updated By : Not reported
Last Updated On : Not reported
Comment : Not reported

WELL:

Well ID: Not reported
Water Resource Code: Not reported
Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 131553
Operation Status : Inactive
Common Name : Pacific Meat Co.
Yrs of Operation : approx 2 yrs, 1979-1981
Comments : approx 2 yrs, 1979-1981
Updated By : jxh
Updated Date : 1995-03-10 00:00:00

Process Code ID: Not reported
Years Of Process: Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id: 195450
SIC Code: 3499

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PACIFIC MEAT CO. (Continued)

EDR ID Number
 EPA ID Number

1006858847

Created By: Not reported
 Created Date: 2002-12-17 08:50:34.

**114
 ENE
 1/2-1
 3439 ft.**

**GALLUS, INC
 9425 N BURRAGE AVE
 PORTLAND, OR 97201**

**SHWS - ECSI S103840027
 LUST N/A**

**Relative:
 Lower**

ECSI:

State ID Number: 4139
 Study Area: False
 Cerclis ID: Not reported
 Size: Not reported
 Orphan: False
 Lat/Long: 45.5911 / -122.695
 Township Coord.: 1.00
 Range Coord.: 1.00
 Section Coord.: 9
 Legislative : 9
 FACA ID : 38763
 Update Date : 2006-04-20 14:58:24.
 Created Time : 2004-05-13 13:53:44.
 Updated By : GWISTAR

Brown ID 0
 Tax Lots: 100
 NPL: False
 Region ID: 2
 Tax Lots: 100
 Township Zone: N
 Range Zone: E
 Qtr Section: Not reported
 Further Action: 0
 Score Value: Not reported
 Created Date: JWAGGY

**Actual:
 29 ft.**

HAZ RELEASED:

Quant. Released: Not reported
 Date: Not reported
 Update Date: Not reported
 Update By: Not reported
 Substance ID : Not reported
 Code : Not reported
 Substance Name : Not reported
 Substance Abbrev. : Not reported
 Substance Categ ID : Not reported
 Substance Sub Categ : Not reported
 Category Level : Not reported
 Created By : Not reported
 Create Date : Not reported
 Substance Alias ID : Not reported
 Sub Alias Name : Not reported
 Rel Comment ID : Not reported
 Release Code : Not reported
 Release Comments : Not reported
 Sampling Result ID : Not reported
 Feature Id : Not reported
 Hazard Release Id : Not reported
 Medium Code Id : Not reported
 Substance Id : Not reported
 Unit Code : Not reported
 Observation : Not reported
 Owner Operator : Not reported
 Lab Data : Not reported
 Sample Depth : Not reported
 Start Date : Not reported
 End Date : Not reported
 Minimum Concentration : Not reported
 Max Concentration : Not reported
 Last Update By : Not reported
 Last Updated On : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GALLUS, INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103840027

Sample Comment : Not reported

Alias Name: Dennis Harding Painting

Investigation Status: 208

NARR:

NARR ID: 5745256

NARR Code : Contamination

Created By: CHARMAN

Create Date: 2004-07-29 14:02:26.

Updated By: CHARMAN

Updated Date: 2004-07-29 14:02:26.

NARR Comments Site discovered as part of Columbia Slough Area-wide Site Discovery project.
Past investigation of site was discovered by way of Water Resources Department well logs. Site was originally a meat processing plant and had some other unknown past industrial use.

TCE

NARR ID: 5745893

NARR Code : Hazardous Substance/Waste Types

Created By: JWAGGY

Create Date: 2004-11-19 14:34:12.

Updated By: JWAGGY

Updated Date: 2004-11-19 14:34:12.

ECWQ:

Owner Site Num: Not reported

FACA Id : 38763

Site Name: JRJ Properties

County Code : 26.00

Owner Name: Not reported

Owner Address: 9425 N Burrage Ave

Portland, 97217

Lat/Long 45.5906 / -122.6951

Owner Code: SUS

PERMIT:

Permit Number: Not reported

Permit Type: Not reported

Permit Agency: Not reported

Permit Comments: Not reported

ADMIN ACT:

Admin ID: 728442

Action ID: 9424

Agency ID : Dept Of Environmental Quality

Start Date: 2004-05-13 00:00:00

Further Action: Not reported

Region ID: Not reported

Complete Date: 2004-05-13 00:00:00

Substance Code: Not reported

Rank Value: Not reported

Cleanup Flag: False

Updated By: JWAGGY

Update Date: 2004-05-13 13:53:44.

Created By: JWAGGY

Create Date: 2004-05-13 13:53:44.

Employee Id: 313

Comments : Not reported

Administrative Action: Site added to database

Admin Action Category: Not reported

Admin Flag: True

Admin Action Code Flag: False

Admin Action : Site added to database

Admin ID: 728443

Action ID: 9508

Agency ID : Dept Of Environmental Quality

Start Date: 2004-05-13 00:00:00

Further Action: 0

Region ID: Northwestern Region

Complete Date: Not reported

Substance Code: SAS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GALLUS, INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103840027

Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2004-05-13 13:53:44.
Created By:	JWAGGY	Create Date:	2004-05-13 13:53:44.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	Site Screening recommended (EV)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site Screening recommended (EV)		

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported
County Code :	Not reported
Reference Id :	Not reported
Twnshp Coord :	Not reported
Township Zone :	Not reported
Range Coord :	Not reported
Range Zone :	Not reported
Section Coord :	Not reported
Qtr Section Coord :	Not reported
Address :	Not reported
	Not reported
Zip Plus :	Not reported
Lat/Long :	Not reported
Lat/Lon Decimal :	Not reported
Feature Size :	Not reported
Est Accuracy :	Not reported
Created On Date :	Not reported
Created By Prgm :	Not reported
Last Updated By :	Not reported
Last Updated On :	Not reported
Comment :	Not reported

WELL:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GALLUS, INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103840027

Well ID: Not reported
 Water Resource Code: Not reported
 Effective Date: Not reported
 Aquifer Code: Not reported
 Ground Station Key: Not reported

OPERATIONS:

Operation Id : Not reported
 Operation Status : Not reported
 Common Name : Not reported
 Yrs of Operation : Not reported
 Comments : Not reported
 Updated By : Not reported
 Updated Date : Not reported

Process Code ID: Not reported
 Years Of Process: Not reported
 Created By: Not reported
 Created Date: Not reported

Operations SIC Id: Not reported
 SIC Code: Not reported
 Created By: Not reported
 Created Date: Not reported

LUST:

Facility ID: 26-91-0459
 Region: North Western Region
 Cleanup Start: 23-Nov-91
 Closed Date: 3-Jun-97
Cleanup Complete: 29-May-97

**115
 East
 1/2-1
 3996 ft.**

**GENERAL ELECTRIC INDUSTRIAL CO.
 2410 N COLUMBIA BLVD
 PORTLAND, OR 97217**

**SHWS - ECSI S103841981
 VCS N/A**

**Relative:
 Lower**

ECSI:

State ID Number: 916
 Study Area: False
 Cerclis ID: 009024647
 Size: 1 acre
 Orphan: False
 Lat/Long: 45.5865 / -122.691
 Township Coord.: 1.00
 Range Coord.: 1.00
 Section Coord.: 9
 Legislative : 9
 FACA ID : 4977
 Update Date : 2006-03-15 11:56:58.
 Created Time : 1989-09-13 00:00:00
 Updated By : GWISTAR

Brown ID 0
 Tax Lots: Not reported
 NPL: False
 Region ID: 2
 Tax Lots: Not reported
 Township Zone: N
 Range Zone: E
 Qtr Section: Not reported
 Further Action: 0
 Score Value: Not reported
 Created Date: CONV

**Actual:
 40 ft.**

HAZ RELEASED:

Quant. Released: Unknown
 Date: Unknown
 Update Date: 1989-09-13 00:00:00
 Update By: Not reported
 Substance ID : 120919
 Code : 11104-28-2
 Substance Name : PCB 1221

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

GENERAL ELECTRIC INDUSTRIAL CO. (Continued)

S103841981

Substance Abbrev. : Not reported
Substance Categ ID : 8543
Substance Sub Categ : PCB Substances for the OSPIRG Report
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.
Substance Alias ID : 316591
Sub Alias Name : AROCHLOR 1221
Substance Alias ID : 316592
Sub Alias Name : AROCLOR 1221
Rel Comment ID : 304625
Release Code : Data Sources
Release Comments : Preliminary Assessment soil analysis done by SRH & Associates.
Sampling Result ID : 346650
Feature Id : Not reported
Hazard Release Id : 385455
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : True
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : CONV
Last Updated On : 1994-09-13 00:00:00
Sample Comment : 1 to 5 ppm

Alias Name: GENCO
General Industrial Electric Co.
Investigation Status: 206

NARR:

NARR ID: 5726107
NARR Code : Contamination
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: Not reported
Updated Date: 2002-12-17 08:50:04.

NARR Comments In 1986, it was confirmed that three potentially contaminated transformers were being stored on-site. During a DEQ inspection in 1979, several transformers and capacitors were found. The site consisted of a large exterior storage area for electric motors. A 2,000-gallon above-ground storage tank is used for waste oil, and there are signs of minor spillage around the tank. Chevron 350B solvent is used in degreasing operations. Toluene is used as a paint thinner prior to painting rebuilt motors. Approx. 300 gallons of sodium hydroxide are stored in a dip bath. Soil staining typical of NaOH was observed downhill from this tank. EPA CERCLA Preliminary Assessment; Lab results PCBs, organic solvents North Portland, 2000 feet south of Columbia Slough. Time of release: Unknown Site is 2000 feet south of Columbia Slough. Site access is possible from Argyle way just west of the site. South of the site is a residential area. There are

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GENERAL ELECTRIC INDUSTRIAL CO. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103841981

Owner Address: 2410 N Columbia BLVD
 Portland, 97217
 Lat/Long 45.5863 / -122.6908
 Owner Code: NFA

PERMIT:

Permit Number:	Not reported	Permit Type:	Not reported
Permit Agency:	Not reported		
Permit Comments:	Not reported		

ADMIN ACT:

Admin ID:	713068	Action ID:	9443
Agency ID :	Dept Of Environmental Quality	Start Date:	1996-07-24 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	1996-07-24 00:00:00	Substance Code:	VCS
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1997-04-04 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	518		
Comments :	Not reported		

Administrative Action: NO FURTHER STATE ACTION REQUIRED
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : NO FURTHER STATE ACTION REQUIRED

Admin ID:	716147	Action ID:	9424
Agency ID :	Dept Of Environmental Quality	Start Date:	1989-09-13 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	Not reported	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	CONV	Update Date:	1995-03-17 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	2571		
Comments :	Not reported		

Administrative Action: Site added to database
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Site added to database

Admin ID:	713687	Action ID:	9421
Agency ID :	Environment Protection Agency	Start Date:	1986-01-16 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	Not reported	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		

Administrative Action: Site added to CERCLIS
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Site added to CERCLIS

Admin ID:	713841	Action ID:	9459
Agency ID :	Dept Of Environmental Quality	Start Date:	1992-05-12 00:00:00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

GENERAL ELECTRIC INDUSTRIAL CO. (Continued)

S103841981

Further Action: Not reported	Region ID: Not reported
Complete Date: 1992-05-12 00:00:00	Substance Code: SAS
Rank Value: 0	Cleanup Flag: False
Updated By: dmc	Update Date: 1995-09-16 00:00:00
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: Not reported	
Comments : Not reported	

Administrative Action: PRELIMINARY ASSESSMENT EQUIVALENT
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : PRELIMINARY ASSESSMENT EQUIVALENT

Admin ID: 700398	Action ID: 9425
Agency ID : Dept Of Environmental Quality	Start Date: 1996-06-16 00:00:00
Further Action: 0	Region ID: Northwestern Region
Complete Date: 1996-07-24 00:00:00	Substance Code: VCS
Rank Value: 0	Cleanup Flag: False
Updated By: GWISTAR	Update Date: 2005-03-22 16:47:41.
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: 518	
Comments : Not reported	

Administrative Action: SITE EVALUATION
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : SITE EVALUATION

Admin ID: 723320	Action ID: 9457
Agency ID : Environmental Protection Agency	Start Date: 1987-10-27 00:00:00
Further Action: Not reported	Region ID: Not reported
Complete Date: 1987-12-02 00:00:00	Substance Code: Not reported
Rank Value: 0	Cleanup Flag: False
Updated By: CONV	Update Date: 1994-09-13 00:00:00
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: Not reported	
Comments : Not reported	

Administrative Action: EPA Basic Preliminary Assessment
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : EPA Basic Preliminary Assessment

Admin ID: 723549	Action ID: 9425
Agency ID : Dept Of Environmental Quality	Start Date: 1992-05-12 00:00:00
Further Action: Not reported	Region ID: Not reported
Complete Date: 1992-05-12 00:00:00	Substance Code: SAS
Rank Value: 0	Cleanup Flag: False
Updated By: CONV	Update Date: 1994-09-13 00:00:00
Created By: Not reported	Create Date: 2002-12-17 08:50:22.
Employee Id: Not reported	
Comments : Not reported	

Administrative Action: SITE EVALUATION
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : SITE EVALUATION

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GENERAL ELECTRIC INDUSTRIAL CO. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103841981

Admin ID:	723072	Action ID:	9458
Agency ID :	Environmental Protection Agency	Start Date:	1988-03-07 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	1988-03-07 00:00:00	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	CONV	Update Date:	1994-09-13 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		

Administrative Action: EPA Preliminary Assessment 2
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : EPA Preliminary Assessment 2

Admin ID:	723073	Action ID:	9444
Agency ID :	Environmental Protection Agency	Start Date:	1988-03-07 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	1988-03-07 00:00:00	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	CONV	Update Date:	1994-09-13 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		

Administrative Action: No Further Remedial Action Planned under Federal program
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : No Further Remedial Action Planned under Federal program

Admin ID:	724649	Action ID:	9437
Agency ID :	Dept Of Environmental Quality	Start Date:	1992-05-13 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	1992-05-13 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	CONV	Update Date:	1994-09-13 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		

Administrative Action: Listing Review completed
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Listing Review completed

Admin ID:	724650	Action ID:	9443
Agency ID :	Dept Of Environmental Quality	Start Date:	1992-05-14 00:00:00
Further Action:	0	Region ID:	Headquarters
Complete Date:	1992-05-14 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	GWISTAR	Update Date:	2005-08-19 10:36:14.
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	228		
Comments :	Not reported		

Administrative Action: NO FURTHER STATE ACTION REQUIRED
 Admin Action Category: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GENERAL ELECTRIC INDUSTRIAL CO. (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

S103841981

Admin Flag: True
Admin Action Code Flag: False
Admin Action : NO FURTHER STATE ACTION REQUIRED

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported
County Code :	Not reported
Reference Id :	Not reported
Twnshp Coord :	Not reported
Township Zone :	Not reported
Range Coord :	Not reported
Range Zone :	Not reported
Section Coord :	Not reported
Qtr Section Coord :	Not reported
Address :	Not reported
Zip Plus :	Not reported
Lat/Long :	Not reported
Lat/Lon Decimal :	Not reported
Feature Size :	Not reported
Est Accuracy :	Not reported
Created On Date :	Not reported
Created By Prgm :	Not reported
Last Updated By :	Not reported
Last Updated On :	Not reported
Comment :	Not reported

WELL:

Well ID:	Not reported
Water Resource Code:	Not reported
Effective Date:	Not reported
Aquifer Code:	Not reported
Ground Station Key:	Not reported

OPERATIONS:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GENERAL ELECTRIC INDUSTRIAL CO. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103841981

Operation Id : 132215
Operation Status : Active
Common Name : General Electric Industrial Co.
Yrs of Operation : 1964 to present
Comments : 1964 to present
Updated By : jxh
Updated Date : 1995-03-10 00:00:00

Process Code ID: Not reported
Years Of Process: Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id: 194951
SIC Code: 7629
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

OR VCS:

ECS Site ID: 916
Action: NO FURTHER STATE ACTION REQUIRED
Start Date: 1996-07-24
End Date: 7/24/1996
Program: VCS
CRL: NFA
Facility Size: 1 acre
Project Manager Last Name: McClincy
Project Manager First Name: Matt

116
East
1/2-1
4174 ft.

GOODYEAR DISTRIBUTION CENTER #9000
2344 NORTH COLUMBIA BOULEVARD
PORTLAND, OR 97217

RCRA-SQG 1000232045
SHWS - ECSI ORD009027137
FINDS

Relative:
Lower

RCRAInfo:
Owner: DENNIS CHURCH
(503) 555-1212
EPA ID: ORD009027137
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
42 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
OR-DEQ (Oregon - Department Of Environmental Quality) is a regulatory agency whose job is to protect the quality of Oregon's Environment. DEQ uses a combination of technical assistance, inspections and permitting to help public and private facilities and citizens understand and comply with state and federal environmental regulations.

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

ECSI:

State ID Number: 2105 Brown ID 0
Study Area: False
Cerculis ID: Not reported Tax Lots: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GOODYEAR DISTRIBUTION CENTER #9000 (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000232045

Size:	Not reported	NPL:	False
Orphan:	False	Region ID:	2
Lat/Long:	45.5861 / -122.690	Tax Lots:	Not reported
Township Coord.:	1.00	Township Zone:	N
Range Coord.:	1.00	Range Zone:	E
Section Coord.:	9	Qtr Section:	Not reported
Legislative :	9	Further Action:	260
FACA ID :	1237	Score Value:	Not reported
Update Date :	2006-03-15 11:56:11.	Created Date:	jmd
Created Time :	1997-09-23 00:00:00		
Updated By :	GWISTAR		

HAZ RELEASED:

Quant. Released:	Not reported
Date:	Not reported
Update Date:	Not reported
Update By:	Not reported
Substance ID :	Not reported
Code :	Not reported
Substance Name :	Not reported
Substance Abbrev. :	Not reported
Substance Categ ID :	Not reported
Substance Sub Categ :	Not reported
Category Level :	Not reported
Created By :	Not reported
Create Date :	Not reported
Substance Alias ID :	Not reported
Sub Alias Name :	Not reported
Rel Comment ID :	Not reported
Release Code :	Not reported
Release Comments :	Not reported
Sampling Result ID :	Not reported
Feature Id :	Not reported
Hazard Release Id :	Not reported
Medium Code Id :	Not reported
Substance Id :	Not reported
Unit Code :	Not reported
Observation :	Not reported
Owner Operator :	Not reported
Lab Data :	Not reported
Sample Depth :	Not reported
Start Date :	Not reported
End Date :	Not reported
Minimum Concentration :	Not reported
Max Concentration :	Not reported
Last Update By :	Not reported
Last Updated On :	Not reported
Sample Comment :	Not reported

Alias Name:	Not reported
Investigation Status:	208

NARR:

NARR ID:	5737202
NARR Code :	Contamination
Created By:	Not reported
Create Date:	2002-12-17 08:50:04.
Updated By:	Not reported
Updated Date:	2002-12-17 08:50:04.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

GOODYEAR DISTRIBUTION CENTER #9000 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000232045

NARR Comments On December 7, 1995, DEQ received a report of a spill of transformer oil at the Goodyear Building. PGE reported vandals drained and gutted six transformers releasing 100 gallons of transformer oil (<7 ppm PCB in oil). Goodyear Tire Factory submitted a Limited Independent Cleanup Action Report to DEQ's Spill Program in July 1996. In July 1997, the Spill Program referred the Goodyear Building property to the Site Assessment (SA) Program, after Spills determined that the cleanup was not complete (3,800 ppm mineral oil remained). SA sent an Information Request letter to Goodyear in September 1997. A response was received in November 1997. Site Assessment recommends the completion of this site screening.

NARR ID: 5737203
 NARR Code : Remedial Action
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.

ECWQ:

Owner Site Num: Not reported FACA Id : 1237
 Site Name: Goodyear Distribution Center #9000
 County Code : 26.00
 Owner Name: Not reported
 Owner Address: 2344 N Columbia Blvd
 Portland, 97217
 Lat/Long 45.5863 / -122.6902
 Owner Code: SUS

PERMIT:

Permit Number: Not reported Permit Type: Not reported
 Permit Agency: Not reported
 Permit Comments: Not reported

ADMIN ACT:

Admin ID: 710382 Action ID: 9424
 Agency ID : Dept Of Environmental Quality Start Date: 1997-09-23 00:00:00
 Further Action: Not reported Region ID: Northwestern Region
 Complete Date: 1997-09-23 00:00:00 Substance Code: SAS
 Rank Value: 0 Cleanup Flag: False
 Updated By: jmd Update Date: 1997-09-23 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 349
 Comments : Not reported

Administrative Action: Site added to database
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : Site added to database

Admin ID: 727985 Action ID: 9508
 Agency ID : Dept Of Environmental Quality Start Date: 1997-09-23 00:00:00
 Further Action: 0 Region ID: Northwestern Region
 Complete Date: 1997-09-23 17:17:50 Substance Code: SAS
 Rank Value: Not reported Cleanup Flag: False
 Updated By: GWISTAR Update Date: 2004-02-11 17:19:00.
 Created By: GWISTAR Create Date: 2004-02-11 17:19:00.
 Employee Id: 349
 Comments : Not reported

Administrative Action: Site Screening recommended (EV)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GOODYEAR DISTRIBUTION CENTER #9000 (Continued)

EDR ID Number
EPA ID Number

Database(s)

Site

1000232045

Admin Action Category: Not reported
Admin Flag: True
Admin Action Code Flag: False
Admin Action : Site Screening recommended (EV)

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported
County Code :	Not reported
Reference Id :	Not reported
Twnshp Coord :	Not reported
Township Zone :	Not reported
Range Coord :	Not reported
Range Zone :	Not reported
Section Coord :	Not reported
Qtr Section Coord :	Not reported
Address :	Not reported
	Not reported
Zip Plus :	Not reported
Lat/Long :	Not reported
Lat/Lon Decimal :	Not reported
Feature Size :	Not reported
Est Accuracy :	Not reported
Created On Date :	Not reported
Created By Prgm :	Not reported
Last Updated By :	Not reported
Last Updated On :	Not reported
Comment :	Not reported

WELL:

Well ID:	Not reported
Water Resource Code:	Not reported
Effective Date:	Not reported
Aquifer Code:	Not reported
Ground Station Key:	Not reported

OPERATIONS:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GOODYEAR DISTRIBUTION CENTER #9000 (Continued)

1000232045

Operation Id : Not reported
 Operation Status : Not reported
 Common Name : Not reported
 Yrs of Operation : Not reported
 Comments : Not reported
 Updated By : Not reported
 Updated Date : Not reported

 Process Code ID: Not reported
 Years Of Process: Not reported
 Created By: Not reported
 Created Date: Not reported

 Operations SIC Id: Not reported
 SIC Code: Not reported
 Created By: Not reported
 Created Date: Not reported

**117
 NW
 1/2-1
 4222 ft.**

**5001 N COLUMBIA BLVD
 PORTLAND, OR 97203**

**SHWS - ECSI S103841892
 SWF/LF N/A
 OR HAZMAT**

**Relative:
 Lower**

ECSI:

State ID Number: 783	Brown ID	0
Study Area: False		
Cerclis ID: 980739130	Tax Lots:	18
Size: 83 acres	NPL:	False
Orphan: False	Region ID:	2
Lat/Long: 45.5975 / -122.719	Tax Lots:	18
Township Coord.: 1.00	Township Zone:	N
Range Coord.: 1.00	Range Zone:	E
Section Coord.: 5	Qtr Section:	Not reported
Legislative : 5	Further Action:	260
FACA ID : 207	Score Value:	0
Update Date : 2004-01-15 16:59:54.	Created Date:	CONV
Created Time : 1988-10-21 00:00:00		
Updated By : GWISTAR		

**Actual:
 54 ft.**

HAZ RELEASED:

Quant. Released: unknown
 Date: 1980 or 1982
 Update Date: 1996-04-03 00:00:00
 Update By: Not reported
 Substance ID : 120909
 Code : 11097-69-1
 Substance Name : PCB 1254
 Substance Abbrev. : Not reported
 Substance Categ ID : 8556
 Substance Sub Categ : PCB Substances for the OSPIRG Report
 Category Level : Not reported
 Created By : Not reported
 Create Date : 2002-12-17 08:50:34.
 Substance Alias ID : 316559
 Sub Alias Name : AROCHLOR 1254
 Substance Alias ID : 316560
 Sub Alias Name : AROCLOR 1254
 Rel Comment ID : 304518
 Release Code : Media Contamination Footnote
 Release Comments : sample taken under a transformer spicket

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841892

Sampling Result ID : 345653
 Feature Id : Not reported
 Hazard Release Id : 383347
 Medium Code Id : 700
 Substance Id : Not reported
 Unit Code : Not reported
 Observation : False
 Owner Operator : False
 Lab Data : True
 Sample Depth : Not reported
 Start Date : 1988-08-01 00:00:00
 End Date : Not reported
 Minimum Concentration : Not reported
 Max Concentration : Not reported
 Last Update By : CONV
 Last Updated On : 1994-09-13 00:00:00
 Sample Comment : 50.27 ppm

Alias Name: Not reported
 Investigation Status: 208

NARR:

NARR ID: 5727792
 NARR Code : Contamination
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.

NARR Comments (8/17/92 KPD/SAS) There is conflicting information as to the extent of the contamination. In May 1982 (some records say 1980), a transformer containing PCBs leaked in a service tunnel at the plant. Facility management reported that the leak created a spot 8 to 9 inches in diameter. General Electric was called out to investigate and clean up the spot. The spot supposedly tested at less than 50 ppm PCBs, and the stained concrete was patched over. However, former employees told DEQ in 1988 that the leak was much larger, spilling 200 yards through the tunnel to a sump. General Electric allegedly didn't show up for 2 weeks, by which time the tunnel area had been hosed down. A Preliminary Assessment (PA) performed by DEQ for EPA that same year could not resolve the discrepancy. Sampling by DEQ in August found 50.27 ppm PCB 1254 right under the transformer spicket, but was less than 3 ppm elsewhere in the tunnel and sump. In a separate PCB incident at the facility (date unknown), a plant electrician developed a rash on his hands and arms due to exposure to PCBs while replacing a leaking lighting ballast. Apparently, no PCBs reached the floor. EPA CERCLA Preliminary Assessment. Correspondence FROM owner and/or operator. Complaint to Environmental Quality Commission. PCBs (8/17/92 KPD/SAS) Site Assessment recommends a low priority expanded Preliminary Assessment (XPA) at the site to check for residual PCB contamination and other potential contaminants. (11/12/97 LSK) Site reevaluated as part of review of all sites within the Columbia Slough Study Area. Site lagoons are located directly adjacent to Lower Slough and just southeast of Smith Lake. Low for further investigation (XPA).

NARR ID: 5727793
 NARR Code : Data Sources

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841892

Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5727794
 NARR Code : Hazardous Substance/Waste Types
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR ID: 5727795
 NARR Code : Remedial Action
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.

ECWQ:

Owner Site Num: 132080 FACA Id : 207
 Site Name: Portland (City of) - Columbia BLVD POTW
 County Code : 26.00
 Owner Name: City of Portland - Columbia BLVD POTW
 Owner Address: 5001 N Columbia BLVD
 Portland, 97203
 Lat/Long 45.5975 / -122.7190
 Owner Code: SUS

PERMIT:

Permit Number: Not reported Permit Type: Not reported
 Permit Agency: Not reported
 Permit Comments: Not reported

ADMIN ACT:

Admin ID: 705716 Action ID: 9510
 Agency ID : Dept Of Environmental Quality Start Date: 1997-11-12 00:00:00
 Further Action: Low Region ID: Northwestern Region
 Complete Date: 1997-11-12 00:00:00 Substance Code: SAS
 Rank Value: 0 Cleanup Flag: False
 Updated By: grmw Update Date: 2000-01-04 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 466
 Comments : Not reported

Administrative Action: State Expanded Preliminary Assessment recommended (XPA)
 Admin Action Category: Not reported
 Admin Flag: True
 Admin Action Code Flag: False
 Admin Action : State Expanded Preliminary Assessment recommended (XPA)

Admin ID: 710896 Action ID: 9426
 Agency ID : Dept Of Environmental Quality Start Date: 1996-11-19 00:00:00
 Further Action: Not reported Region ID: Northwestern Region
 Complete Date: 1997-11-12 00:00:00 Substance Code: SAS
 Rank Value: 0 Cleanup Flag: False
 Updated By: grmw Update Date: 2000-01-04 00:00:00
 Created By: Not reported Create Date: 2002-12-17 08:50:22.
 Employee Id: 466
 Comments : Not reported

Administrative Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION
 Admin Action Category: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841892

Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	SITE PRIORITY EVALUATION FOR FURTHER ACTION		
Admin ID:	713732	Action ID:	9421
Agency ID :	Environmental Protection Agency	Start Date:	1987-05-08 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	Not reported	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-15 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		
Administrative Action:	Site added to CERCLIS		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site added to CERCLIS		
Admin ID:	713842	Action ID:	9458
Agency ID :	Environmental Protection Agency	Start Date:	1992-12-07 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	1992-12-08 00:00:00	Substance Code:	Not reported
Rank Value:	0	Cleanup Flag:	False
Updated By:	dmc	Update Date:	1995-09-16 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	Not reported		
Comments :	Not reported		
Administrative Action:	EPA Preliminary Assessment 2		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	EPA Preliminary Assessment 2		
Admin ID:	714760	Action ID:	9480
Agency ID :	Dept Of Environmental Quality	Start Date:	1988-05-25 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	1988-05-26 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1996-03-04 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	196		
Comments :	Not reported		
Administrative Action:	Federal Preliminary Assessment recommended		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Federal Preliminary Assessment recommended		
Admin ID:	714761	Action ID:	9426
Agency ID :	Dept Of Environmental Quality	Start Date:	1992-08-15 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	1992-08-16 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	kpd	Update Date:	1996-03-04 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	301		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S103841892

Updated By: CONV Update Date: 1994-09-13 00:00:00
Created By: Not reported Create Date: 2002-12-17 08:50:22.
Employee Id: Not reported
Comments : Not reported
Administrative Action: No Further Remedial Action Planned under Federal program
Admin Action Category: Not reported
Admin Flag: True
Admin Action Code Flag: False
Admin Action : No Further Remedial Action Planned under Federal program

Admin ID: 724813 Action ID: 9437
Agency ID : Dept Of Environmental Quality Start Date: 1992-08-16 00:00:00
Further Action: Not reported Region ID: Headquarters
Complete Date: 1992-08-16 00:00:00 Substance Code: SAS
Rank Value: 0 Cleanup Flag: False
Updated By: kpd Update Date: 1996-03-04 00:00:00
Created By: Not reported Create Date: 2002-12-17 08:50:22.
Employee Id: 301
Comments : Not reported
Administrative Action: Listing Review completed
Admin Action Category: Not reported
Admin Flag: True
Admin Action Code Flag: False
Admin Action : Listing Review completed

Admin ID: 724814 Action ID: 9449
Agency ID : Dept Of Environmental Quality Start Date: 1992-08-17 00:00:00
Further Action: Not reported Region ID: Headquarters
Complete Date: Not reported Substance Code: SAS
Rank Value: 0 Cleanup Flag: False
Updated By: kpd Update Date: 1996-03-04 00:00:00
Created By: Not reported Create Date: 2002-12-17 08:50:22.
Employee Id: 301
Comments : Pending completion of expanded PA.
Administrative Action: Insufficient information to list
Admin Action Category: Not reported
Admin Flag: True
Admin Action Code Flag: False
Admin Action : Insufficient information to list

Admin ID: 724815 Action ID: 9510
Agency ID : Dept Of Environmental Quality Start Date: 1992-08-20 00:00:00
Further Action: Low Region ID: Headquarters
Complete Date: 1992-08-20 00:00:00 Substance Code: SAS
Rank Value: 0 Cleanup Flag: False
Updated By: dmc Update Date: 1997-10-06 00:00:00
Created By: Not reported Create Date: 2002-12-17 08:50:22.
Employee Id: 301
Comments : Not reported
Administrative Action: State Expanded Preliminary Assessment recommended (XPA)
Admin Action Category: Not reported
Admin Flag: True
Admin Action Code Flag: False
Admin Action : State Expanded Preliminary Assessment recommended (XPA)

DISPOSAL:
Disposal ID: Not reported Feature ID: Not reported
Medium : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841892

Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported
County Code :	Not reported
Reference Id :	Not reported
Twncshp Coord :	Not reported
Township Zone :	Not reported
Range Coord :	Not reported
Range Zone :	Not reported
Section Coord :	Not reported
Qtr Section Coord :	Not reported
Address :	Not reported
	Not reported
Zip Plus :	Not reported
Lat/Long :	Not reported
Lat/Lon Decimal :	Not reported
Feature Size :	Not reported
Est Accuracy :	Not reported
Created On Date :	Not reported
Created By Prgm :	Not reported
Last Updated By :	Not reported
Last Updated On :	Not reported
Comment :	Not reported

WELL:

Well ID:	Not reported
Water Resource Code:	Not reported
Effective Date:	Not reported
Aquifer Code:	Not reported
Ground Station Key:	Not reported

OPERATIONS:

Operation Id :	132080
Operation Status :	Active
Common Name :	City of Portland - Columbia BLVD POTW
Yrs of Operation :	1952 to present
Comments :	1952 to present
Updated By :	kpd

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841892

Updated Date : 1996-03-04 00:00:00

Process Code ID: Not reported
 Years Of Process: Not reported
 Created By: Not reported
 Created Date: Not reported

Operations SIC Id: 196173
 SIC Code: 4952
 Created By: Not reported
 Created Date: 2002-12-17 08:50:34.

LF:

Facility Id: 111983
 Permit Number: 1203
 Facility Phone: Not reported
 Facility Phone 2: Not reported
 Contact Name: Not reported
 Lat/Long: 45.597499999999 / -122.7189999999
 Mailing Address: 5001 N Columbia Blvd
 Portland, OR 97203
 Facility Addr 2: Not reported
 Permit Status: Closure
 Solid Waste:
 Type: Land Application
 Closed: Not reported
 Date Opened: 2002-06-14 00:00:00

HAZMAT:

Facility ID: 0291-870110	
Incident District: PORTLAND	
Incident Day: Wed	Dept Resp: PORTLAND FIRE BUREAU
Alarm Time: 12/30/1899	Arrival Time: 12/30/1899
Back in Service: 12/30/1899	Company: PORTLAND SEWAGE
Responsible Party: LARRY VOGEL	
5001 N COLUMBIA BLVD	
PORTLAND 97203	
RP Phone: Not reported	RP Phone 2: Not reported
Scene Type: Not reported	Area Type: Not reported
Wind Direction: WEST	Wind Speed: 0-5
WFair: True	
Num U Desc: Not reported	Num U Fire: 1
Num U Local: 1	Num U State: 0
Num U Police: 0	Num U Public Wks: 0
Num U Amb: 0	Num U Agency: 0
Num U Federal: 0	Num U RR: 0
Num U Other: 0	
Act Secure Area: True	Act Crowd Control: False
Act Hot Zone: True	
Act on Site: False	Act Transport: False
Sol Com Vehicle: False	Mi Fuel: False
Chemical: CHLORINE LIQUID	
Num Cont 1: 1	Size Cont 1: 100000
Num Cont 2: 0	Size Cont 2: 0
Num Cont 3: 0	Size Cont 3: 0
Num Cont 4: 0	Size Cont 4: 0
Num Cont 5: 0	Size Cont 5: 0
Amt Rsk G1: 100000	Amt Rel G1: 1
Amt Rsk G2: 0	Amt Rel G2: 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841892

Amt Rsk G3:	0	Amt Rel G3:	0
Amt Rsk G4:	0	Amt Rel G4:	0
Amt Rsk G5:	0		
Mu Chem Trec:	False	Mu Ship Papers:	False
Mu Placards:	True	Mu On Scene Test:	False
Mu Other Desc:	Not reported		
Veheical Plus:	0	Fixed Property:	0
Fire Inj:	0	Fire Death:	0
Fire Decon:	0	Fire Treat:	0
Fire Hopital:	0		
Civ Inj:	0	Civ Death:	0
Civ Decon:	0	Civ Treat:	0
Civ Hopital:	0		
Other Inj:	0	Other Death:	0
Other Decon:	0	Other Treat:	0
Other Hopital:	0		
Person File:	DAVID DISCRASCIO	Title Person File:	CAPTAIN
Agency:	02291	Agency ID:	Not reported
Num U Deq:	0	Inc Num Short:	870110
Hazmat Team:	Not reported	Hazmat local:	False
Hazmat State:	False	Agency Phone:	503-289-7096
ID Number:	02-291	OERS Number:	Not reported
Dept Rsp 2:	Not reported		
St Pub Road:	False	St Pub Struct:	True
St Pub Land:	False	St Forest:	False
St Other:	False		
St Pri Road:	False	St Pri Struct:	False
St Waterway:	False	St Pri Land:	False
A Industrial:	True	A Residential:	False
A Forest:	False	A commercial:	False
A Rural Agri:	False		
W Rain:	False	W Fog:	False
W Snow Ice:	False		
W Sunny:	False	W Other Desc:	Not reported
Act Activate Oers:	True	Act Traffic:	False
Act Exiting:	False	Act ID Hazmat:	False
Act Evcuate:	False	Act Decontam:	False
Act Evaluate:	False	Act Cleanup:	False
Act Pub Info:	False	Act Remote Haz:	True
Soi Drug Lab:	False	Soi Car:	False
Soi Fixed Facility:	False	Soi Train:	True
Soi Pipeline:	False	Soi Ship:	False
Soi Aircraft:	False	Soi Other:	F
Soi Desc:	F	Soi Other Desc:	Not reported
Mi Cargo:	True	Mi Product:	False
Mi Waste Mat:	False		
Coi Normal Op:	True	Coi Dur Fire:	False
Coi Dur Storage:	False	Coi Excavation:	False
Coi Railcar:	False	Coi MVA:	False
Coi Durmanuf:	False	Coi Unauthor:	False
Coi Derailment:	False	Coi Dur Repair:	False
Coi Abandon:	False	Coi in Transit:	False
Coi Docked:	False	Coi Mat not Rel:	False
Amt Rilb1:	0	Amt Ricf1:	0
Amt Rilb2:	0	Amt Ricf2:	0
Amt Rilb3:	0	Amt Ricf3:	0
Amt Rilb4:	0	Amt Ricf4:	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841892

Amt Rilb5:	0	Amt Ricf5:	0
A Other:	F	Num U State Ag:	0
Amt Rsk P1:	0	Amt Rsk C1:	0
Amt Rsk P2:	0	Amt Rsk C2:	0
Amt Rsk P3:	0	Amt Rsk C3:	0
Amt Rsk P4:	0	Amt Rsk C4:	0
Amt Rsk P5:	0	Amt Rsk C5:	0
Mu Sfm Hazcom:	False	Mu Off Scene:	False
Mu Text Book:	False	Mu Other:	False
Mu Resp Party:	True		
FD Id:	0291		
Incident Date:	09/30/1987		
Agency Report # :	87-33255		
Hmb Cont Fire:	False	Hmb Cause Fire:	False
In Route :	12/30/1899		
Date Added:	/ /		
Unit:	Not reported		
Hmb Caus Expl:	False	Hmb Cont Expl:	False
Hmb Inert No React:	False		
Hmb Bec Airborne:	True		
Hmb Contam Area:	False		
Hmb Enterd Water:	False		
Comments:	LEAK IN PIPE FITTING OF RAILROAD TANK CAR. RELEASE LIMITED TO SMALL AMOUNT OF SUBSTANCE CONTAINED IN LINE. LEAK IN PIPE FITTING OF RAILROAD TANK CAR. RELEASE AMT AT RISKG2 1.25. SEE FD NARRATIVE OSFM NOTE: NO ATTACHMENT AMT AT RISKG2 1.25. SEE FD NARRATIVE OSFM NOTE: NO ATTACHMENT		
Facility ID:	0291-890092		
Incident District:	PORTLAND		
Incident Day:	Sun	Dept Resp:	PORTLAND FIRE BUREAU
Alarm Time:	12/30/1899	Arrival Time:	12/30/1899
Back in Service:	12/30/1899	Company:	WASTEWATER TREATMENT
Responsible Party:	CITY OF PORTLAND		
	5001 N COLUMBIA BLVD		
	PORTLAND 97203		
RP Phone:	Not reported	RP Phone 2:	Not reported
Scene Type:	Not reported	Area Type:	Not reported
Wind Direction:	SW	Wind Speed:	0-5
WFair:	True		
Num U Desc:	Not reported	Num U Fire:	1
Num U Local:	1	Num U State:	0
Num U Police:	0	Num U Public Wks:	0
Num U Amb:	0	Num U Agency:	0
Num U Federal:	0	Num U RR:	0
Num U Other:	0		
Act Secure Area:	False	Act Crowd Control:	False
Act Hot Zone:	True		
Act on Site:	False	Act Transport:	False
Sol Com Vecicle:	False	Mi Fuel:	False
Chemical:	CHLORINE		
Num Cont 1:	0	Size Cont 1:	0
Num Cont 2:	0	Size Cont 2:	0
Num Cont 3:	0	Size Cont 3:	0
Num Cont 4:	0	Size Cont 4:	0
Num Cont 5:	0	Size Cont 5:	0
Amt Rsk G1:	0	Amt Rel G1:	0
Amt Rsk G2:	0	Amt Rel G2:	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841892

Amt Rsk G3:	0	Amt Rel G3:	0
Amt Rsk G4:	0	Amt Rel G4:	0
Amt Rsk G5:	0		
Mu Chem Trec:	False	Mu Ship Papers:	False
Mu Placards:	False	Mu On Scene Test:	False
Mu Other Desc:	Not reported		
Vehical Plus:	0	Fixed Property:	0
Fire Inj:	0	Fire Death:	0
Fire Decon:	0	Fire Treat:	0
Fire Hopital:	0		
Civ Inj:	0	Civ Death:	0
Civ Decon:	0	Civ Treat:	0
Civ Hopital:	0		
Other Inj:	0	Other Death:	0
Other Decon:	0	Other Treat:	0
Other Hopital:	0		
Person File:	Not reported	Title Person File:	Not reported
Agency:	Not reported	Agency ID:	Not reported
Num U Deq:	0	Inc Num Short:	890092
Hazmat Team:	Not reported	Hazmat local:	False
Hazmat State:	False	Agency Phone:	Not reported
ID Number:	02-291	OERS Number:	Not reported
Dept Rsp 2:	Not reported		
St Pub Road:	False	St Pub Struct:	True
St Pub Land:	False	St Forest:	False
St Other:	False		
St Pri Road:	False	St Pri Struct:	False
St Waterway:	False	St Pri Land:	False
A Industrial:	False	A Residential:	False
A Forest:	False	A commercial:	True
A Rural Agri:	False		
W Rain:	False	W Fog:	False
W Snow Ice:	False		
W Sunny:	False	W Other Desc:	Not reported
Act Activate Oers:	False	Act Traffic:	False
Act Exiting:	False	Act ID Hazmat:	False
Act Evcuate:	False	Act Decontam:	False
Act Evaluate:	False	Act Cleanup:	False
Act Pub Info:	False	Act Remote Haz:	False
Soi Drug Lab:	False	Soi Car:	False
Soi Fixed Facility:	True	Soi Train:	False
Soi Pipeline:	False	Soi Ship:	False
Soi Aircraft:	False	Soi Other:	F
Soi Desc:	F	Soi Other Desc:	Not reported
Mi Cargo:	False	Mi Product:	True
Mi Waste Mat:	False		
Coi Normal Op:	True	Coi Dur Fire:	False
Coi Dur Storage:	False	Coi Excavation:	False
Coi Railcar:	False	Coi MVA:	False
Coi Durmanuf:	False	Coi Unauthor:	False
Coi Derailment:	False	Coi Dur Repair:	False
Coi Abandon:	False	Coi in Transit:	False
Coi Docked:	False	Coi Mat not Rel:	False
Amt Rilb1:	0	Amt Ricf1:	0
Amt Rilb2:	0	Amt Ricf2:	0
Amt Rilb3:	0	Amt Ricf3:	0
Amt Rilb4:	0	Amt Ricf4:	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841892

<p>Amt Rilb5: 0 A Other: F Amt Rsk P1: 0 Amt Rsk P2: 0 Amt Rsk P3: 0 Amt Rsk P4: 0 Amt Rsk P5: 0 Mu Sfm Hazcom: False Mu Text Book: False Mu Resp Party: False FD Id: 0291 Incident Date: 01/29/1989 Agency Report #: 89-0353 Hmb Cont Fire: False In Route: 12/30/1899 Date Added: / / Unit: Not reported Hmb Caus Expl: False Hmb Inert No React: True Hmb Bec Airborne: False Hmb Contam Area: False Hmb Enterd Water: False Comments: LEAK IN PIPE FITTING OF RAILROAD TANK CAR. RELEASE LIMITED TO SMALL AMOUNT OF SUBSTANCE CONTAINED IN LINE. LEAK IN PIPE FITTING OF RAILROAD TANK CAR. RELEASE AMT AT RISKG2 1.25. SEE FD NARRATIVE OSFM NOTE: NO ATTACHMENT AMT AT RISKG2 1.25. SEE FD NARRATIVE OSFM NOTE: NO ATTACHMENT</p>	<p>Amt Ricf5: 0 Num U State Ag: 0 Amt Rsk C1: 0 Amt Rsk C2: 0 Amt Rsk C3: 0 Amt Rsk C4: 0 Amt Rsk C5: 0 Mu Off Scene: False Mu Other: False Hmb Cause Fire: False Hmb Cont Expl: False Dept Resp: PORTLAND FIRE BUREAU Arrival Time: 12/30/1899 Company: WASTE WATER TREATMNT RP Phone: Not reported RP Phone 2: Not reported Area Type: Not reported Wind Speed: Not reported Num U Desc: Not reported Num U Fire: 3 Num U Local: 0 Num U State: 0 Num U Police: 0 Num U Public Wks: 0 Num U Amb: 0 Num U Agency: 0 Num U Federal: 0 Num U RR: 0 Act Secure Area: True Act Hot Zone: False Act on Site: False Act Transport: False Sol Com Vecicle: False Mi Fuel: False Chemical: CHLORINE Num Cont 1: 0 Size Cont 1: 0 Num Cont 2: 0 Size Cont 2: 0 Num Cont 3: 0 Size Cont 3: 0 Num Cont 4: 0 Size Cont 4: 0 Num Cont 5: 0 Size Cont 5: 0 Amt Rsk G1: 0 Amt Rel G1: 0 Amt Rsk G2: 0 Amt Rel G2: 0</p>
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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841892

Amt Rsk G3:	0	Amt Rel G3:	0
Amt Rsk G4:	0	Amt Rel G4:	0
Amt Rsk G5:	0		
Mu Chem Trec:	False	Mu Ship Papers:	False
Mu Placards:	False	Mu On Scene Test:	False
Mu Other Desc:	Not reported		
Veihcal Plus:	0	Fixed Property:	0
Fire Inj:	0	Fire Death:	0
Fire Decon:	0	Fire Treat:	0
Fire Hopital:	0		
Civ Inj:	0	Civ Death:	0
Civ Decon:	0	Civ Treat:	0
Civ Hopital:	0		
Other Inj:	0	Other Death:	0
Other Decon:	0	Other Treat:	0
Other Hopital:	0		
Person File:	Not reported	Title Person File:	Not reported
Agency:	Not reported	Agency ID:	Not reported
Num U Deq:	0	Inc Num Short:	890400
Hazmat Team:	Not reported	Hazmat local:	False
Hazmat State:	False	Agency Phone:	Not reported
ID Number:	02-291	OERS Number:	Not reported
Dept Rsp 2:	Not reported		
St Pub Road:	False	St Pub Struct:	True
St Pub Land:	False	St Forest:	False
St Other:	False		
St Pri Road:	False	St Pri Struct:	False
St Waterway:	False	St Pri Land:	False
A Industrial:	True	A Residential:	False
A Forest:	False	A commercial:	False
A Rural Agri:	False		
W Rain:	True	W Fog:	False
W Snow Ice:	False		
W Sunny:	False	W Other Desc:	Not reported
Act Activate Oers:	False	Act Traffic:	False
Act Exiting:	False	Act ID Hazmat:	True
Act Evcuate:	False	Act Decontam:	False
Act Evaluate:	False	Act Cleanup:	False
Act Pub Info:	False	Act Remote Haz:	False
Soi Drug Lab:	False	Soi Car:	False
Soi Fixed Facility:	True	Soi Train:	False
Soi Pipeline:	False	Soi Ship:	False
Soi Aircraft:	False	Soi Other:	F
Soi Desc:	F	Soi Other Desc:	Not reported
Mi Cargo:	False	Mi Product:	True
Mi Waste Mat:	False		
Coi Normal Op:	False	Coi Dur Fire:	False
Coi Dur Storage:	False	Coi Excavation:	False
Coi Railcar:	False	Coi MVA:	False
Coi Durmanuf:	False	Coi Unauthor:	False
Coi Derailment:	False	Coi Dur Repair:	False
Coi Abandon:	False	Coi in Transit:	False
Coi Docked:	False	Coi Mat not Rel:	False
Amt Rilb1:	0	Amt Ricf1:	0
Amt Rilb2:	0	Amt Ricf2:	0
Amt Rilb3:	0	Amt Ricf3:	0
Amt Rilb4:	0	Amt Ricf4:	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841892

Amt Rilb5:	0	Amt Ricf5:	0
A Other:	F	Num U State Ag:	0
Amt Rsk P1:	0	Amt Rsk C1:	0
Amt Rsk P2:	0	Amt Rsk C2:	0
Amt Rsk P3:	0	Amt Rsk C3:	0
Amt Rsk P4:	0	Amt Rsk C4:	0
Amt Rsk P5:	0	Amt Rsk C5:	0
Mu Sfm Hazcom:	False	Mu Off Scene:	False
Mu Text Book:	False	Mu Other:	False
Mu Resp Party:	False		
FD Id:	0291		
Incident Date:	11/13/1989		
Agency Report #:	Not reported		
Hmb Cont Fire:	False	Hmb Cause Fire:	False
In Route :	12/30/1899		
Date Added:	/ /		
Unit:	Not reported		
Hmb Caus Expl:	False	Hmb Cont Expl:	False
Hmb Inert No React:	False		
Hmb Bec Airborne:	True		
Hmb Contam Area:	False		
Hmb Enterd Water:	False		
Comments:	LEAK IN PIPE FITTING OF RAILROAD TANK CAR. RELEASE LIMITED TO SMALL AMOUNT OF SUBSTANCE CONTAINED IN LINE. LEAK IN PIPE FITTING OF RAILROAD TANK CAR. RELEASE AMT AT RISKG2 1.25. SEE FD NARRATIVE OSFM NOTE: NO ATTACHMENT AMT AT RISKG2 1.25. SEE FD NARRATIVE OSFM NOTE: NO ATTACHMENT		

118
 East
 1/2-1
 4294 ft.

2301 N COLUMBIA
 PORTLAND, OR 97217

SHWS - ECSI S103841493
 OR CRL N/A
 OR HAZMAT
 VCS
 AIRS

Relative:
 Lower

ECSI:

Actual:
 42 ft.

State ID Number:	161	Brown ID	0
Study Area:	False	Tax Lots:	600
Cerclis ID:	Not reported	NPL:	False
Size:	12.94 acres	Region ID:	2
Orphan:	False	Tax Lots:	600
Lat/Long:	45.5874 / -122.689	Township Zone:	N
Township Coord.:	1.00	Range Zone:	E
Range Coord.:	1.00	Qtr Section:	A
Section Coord.:	9	Further Action:	256
Legislative :	9	Score Value:	94
FACA ID :	1043	Created Date:	CONV
Update Date :	2006-01-20 15:37:49.		
Created Time :	1988-08-15 00:00:00		
Updated By :	GWISTAR		

HAZ RELEASED:

Quant. Released: 3 gals
 Date: 4-23-85
 Update Date: 1988-08-15 00:00:00
 Update By: Not reported
 Substance ID : 120967
 Code : 121-44-8
 Substance Name : TRIETHYLAMINE
 Substance Abbrev. : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S103841493

Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : Not reported
Sub Alias Name : Not reported
Rel Comment ID : 303095
Release Code : Data Sources
Release Comments : NWR HW file
Sampling Result ID : 346010
Feature Id : Not reported
Hazard Release Id : 382856
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : False
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : CONV
Last Updated On : 1994-09-13 00:00:00
Sample Comment : Not reported
Sampling Result ID : 346775
Feature Id : Not reported
Hazard Release Id : 382856
Medium Code Id : 704
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : False
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : CONV
Last Updated On : 1994-09-13 00:00:00
Sample Comment : Not reported
Quant. Released: 40 gals
Date: 10-17-77
Update Date: 1988-08-15 00:00:00
Update By: Not reported
Substance ID : 121370
Code : 50-00-0
Substance Name : FORMALDEHYDE
Substance Abbrev. : Not reported
Substance Categ ID : 8516
Substance Sub Categ : Volatiles
Category Level : Not reported
Created By : Not reported
Create Date : 2002-12-17 08:50:34.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

(Continued)

S103841493

Substance Alias ID : 318542
Sub Alias Name : FORMALIN
Substance Alias ID : 318543
Sub Alias Name : FORMIC ALDEHYDE
Substance Alias ID : 318544
Sub Alias Name : METHANAL
Substance Alias ID : 318545
Sub Alias Name : METHYL ALDEHYDE
Substance Alias ID : 318546
Sub Alias Name : METHYLENE OXIDE
Substance Alias ID : 318547
Sub Alias Name : OXOMETHANE
Substance Alias ID : 318548
Sub Alias Name : OXYMETHYLENE
Rel Comment ID : 303097
Release Code : Data Sources
Release Comments : NWR WQ file
Sampling Result ID : 346009
Feature Id : Not reported
Hazard Release Id : 382857
Medium Code Id : 704
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : False
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : CONV
Last Updated On : 1994-09-13 00:00:00
Sample Comment : Not reported
Sampling Result ID : 347002
Feature Id : Not reported
Hazard Release Id : 382857
Medium Code Id : 703
Substance Id : Not reported
Unit Code : Not reported
Observation : False
Owner Operator : False
Lab Data : False
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : CONV
Last Updated On : 1994-09-13 00:00:00
Sample Comment : Not reported

Alias Name: Simpson Timber
Oregon Overlay Div.

Investigation Status: 207

NARR:

NARR ID: 5729931

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S103841493

NARR Code : Contamination
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: GWISTAR
Updated Date: 2002-12-24 11:49:03.

NARR Comments This site has a long history of activity within DEQ's WQ and AQ programs (and their predecessor agencies), beginning in the early 1960s. Early complaints involved smoke and noise, while later regulatory involvement focused on the facility's many spills and wastewater/solid waste treatment issues. Soils, possible groundwater and sediment impact. potential indoor air due to methane detected in January 2005. The Columbia Slough has received contaminants from spills at this facility. Exposure pathway to utility/construction workers via direct contact with soil, subsurface waters. Vapor exposure to site employees. Many spills have occurred at this site, with 10 documented between 1976 and 1990. In addition, the facility formerly used a lagoon to store wastewater, and this could have been a source of subsurface contamination. Simpson also used several portions of the property to landfill solid wastes, and disposed of manganese dioxide (a by-product of permanganate treatment of resins) to the ground. (12/5/02) Updated evaluation found 22 spills between 1973 and 1998. In addition, data provided showed locations of landfills, DDT contamination at rail spur, and a wooden pipe with petroleum hydrocarbon contamination. (GMW 4/25/96) According to Simpson Timber Co., despite all the documented spills and releases of hazardous materials at this facility, the company has not conducted any subsurface investigations. Many of the materials reported to be released become inert in the environment or biodegrade rapidly, leaving little or no residual impact. However, due to the size of the facility, the number of years it has been operating, and the wide range of chemicals that have been used, it is possible that areas of significant contamination exist at the site. Past practices have affected the Columbia Slough, and any source areas of contamination could cause ongoing migration of contaminants to the Slough. Site Assessment recommends a PA at this site to summarize historical operating practices and spills, focus on areas of potential contamination, evaluate pathways of concern, and perhaps sample several of the facility's industrial supply wells (7 on record). This site warrants a medium priority. (2/5/02 CWH/SAS) Additional spill and site contamination data, including verification of landfills, has raised this site's priority for further investigation to high. (12/16/02 JMA/VCP) Received Intent to Participate in DEQ's Voluntary Cleanup Program (VCP) in December 2002; facility placed on VCP waiting list. (GMW 4/25/96) The facility used part of the site to landfill solid wastes until about 1972, and removed the landfill in 1988. Documented spills, some of which reached the Columbia Slough and may have caused soil and groundwater contamination, involved wastewaters and other liquids containing formaldehyde, phenol, sodium hydroxide, triethylamine, and alcohols. There was a release of methanol in 1983 from an underground pipeline on-site, and there are no records of any follow-up investigation. It is possible that chlorinated solvent releases occurred, since the facility has a history of using these compounds for degreasing, and low levels of TCE have been detected in wells on-site. (12/5/02 CWH) Suspected burial of drums of

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

(Continued)

S103841493

unknown content
s underneath Tech Center. Discovery of soils contaminated with TPH and
DDT/DDD/DDE along rail spur.
Source File Program: DEQ HW, Region: NW; Source File Program: DEQ WQ, Region:
NW; Inspection reports; Correspondence from owner/operator, including letter
dated 4/22/96; Monitoring data; and Hazardous Waste Manifests; "Final Report",
RMT Inc., Septe
mber 1999; "DRAFT Preliminary Assessment, Simpson Timber - Oregon Overlays
Division, 2301 N. Columbia Avenue, Portland, Oregon 97217," Environmental Health
Associates, Inc. as of November 1999. July 9, 2004 Site Investigation Work Plan
for Expanded
Preliminary Assessment (XPA), Dynea Overlays, Inc. August 13, 2004 letter,
Response to DEQ Work Plan Review
Triethylamine, formaldehyde, phenolic resins, alcohols, degreasing solvents
(including chlorinated solvents), manganese dioxide, petroleum hydrocarbons,
pesticides.

NARR ID: 5729932
NARR Code : Data Sources
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: ACOATES
Updated Date: 2005-03-18 11:44:44.
NARR ID: 5729933
NARR Code : Hazardous Substance/Waste Types
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: GWISTAR
Updated Date: 2003-01-08 10:24:37.
NARR ID: 5730079
NARR Code : Manner of Release
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: GWISTAR
Updated Date: 2002-12-24 11:50:56.
NARR ID: 5743502
NARR Code : Media Contamination
Created By: JWAGGY
Create Date: 2003-05-08 10:00:26.
Updated By: JWAGGY
Updated Date: 2003-05-08 10:00:26.
NARR ID: 5743503
NARR Code : Pathways Other Hazards
Created By: JWAGGY
Create Date: 2003-05-08 10:00:55.
Updated By: ACOATES
Updated Date: 2005-03-18 11:46:34.
NARR ID: 5730262
NARR Code : Remedial Action
Created By: Not reported
Create Date: 2002-12-17 08:50:04.
Updated By: GWISTAR
Updated Date: 2002-12-24 11:52:52.
NARR ID: 5742857
NARR Code : Health Threats
Created By: GWISTAR
Create Date: 2003-01-08 10:25:35.
Updated By: GWISTAR

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841493

Updated Date: 2003-01-08 10:25:35.
 NARR ID: 5742787
 NARR Code : Site History
 Created By: GWISTAR
 Create Date: 2002-12-24 11:49:10.
 Updated By: GWISTAR
 Updated Date: 2002-12-24 11:49:10.

ECWQ:

Owner Site Num: 131569 FACA Id : 1043

Site Name: Dynea Overlays Inc.
 County Code : 26.00
 Owner Name: M & M Woodworking
 Owner Address: 2301 N Columbia BLVD
 Portland, 97217

Lat/Long 45.5863 / -122.6899

Owner Code: LIS

Owner Site Num: 131570 FACA Id : 1043

Site Name: Dynea Overlays Inc.
 County Code : 26.00
 Owner Name: Simpson Timber Co. - Portland
 Owner Address: 2301 N Columbia BLVD
 Portland, 97217

Lat/Long 45.5863 / -122.6899

Owner Code: LIS

Owner Site Num: 134719 FACA Id : 1043

Site Name: Dynea Overlays Inc.
 County Code : 26.00
 Owner Name: Dynea Overlays, Inc.
 Owner Address: 2301 N Columbia BLVD
 Portland, 97217

Lat/Long 45.5863 / -122.6899

Owner Code: LIS

PERMIT:

Permit Number: Not reported Permit Type: Not reported

Permit Agency: Not reported

Permit Comments: Not reported

ADMIN ACT:

Admin ID: 709578 Action ID: 9437

Agency ID : Dept Of Environmental Quality Start Date: 1996-04-25 00:00:00

Further Action: Not reported Region ID: Northwestern Region

Complete Date: 1996-04-26 00:00:00 Substance Code: SAS

Rank Value: 0 Cleanup Flag: False

Updated By: kpd Update Date: 1998-04-14 00:00:00

Created By: Not reported Create Date: 2002-12-17 08:50:22.

Employee Id: 767

Comments : Not reported

Administrative Action: Listing Review completed

Admin Action Category: Not reported

Admin Flag: True

Admin Action Code Flag: False

Admin Action : Listing Review completed

Admin ID: 709579 Action ID: 9496

Agency ID : Dept Of Environmental Quality Start Date: 1996-04-26 00:00:00

Further Action: Medium Region ID: Northwestern Region

Complete Date: 1996-04-26 00:00:00 Substance Code: SAS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

(Continued)

S103841493

Admin ID: 719838 Agency ID : Dept Of Environmental Quality Further Action: Not reported Complete Date: 1994-02-12 00:00:00 Rank Value: 0 Updated By: kpd Created By: Not reported Employee Id: 293 Comments : Not reported Administrative Action: Site Screening recommended (EV) Admin Action Category: Not reported Admin Flag: True Admin Action Code Flag: False Admin Action : Site Screening recommended (EV)	Action ID: 9508 Start Date: 1994-02-12 00:00:00 Region ID: Headquarters Substance Code: SAS Cleanup Flag: False Update Date: 1998-04-14 00:00:00 Create Date: 2002-12-17 08:50:22.
Admin ID: 718213 Agency ID : Dept Of Environmental Quality Further Action: Not reported Complete Date: Not reported Rank Value: 0 Updated By: kpd Created By: Not reported Employee Id: 26 Comments : Not reported Administrative Action: Site added to database Admin Action Category: Not reported Admin Flag: True Admin Action Code Flag: False Admin Action : Site added to database	Action ID: 9424 Start Date: 1988-08-15 00:00:00 Region ID: Headquarters Substance Code: SAS Cleanup Flag: False Update Date: 1998-04-14 00:00:00 Create Date: 2002-12-17 08:50:22.
Admin ID: 725103 Agency ID : Dept Of Environmental Quality Further Action: 0 Complete Date: 1999-11-30 00:00:00 Rank Value: Not reported Updated By: GWISTAR Created By: GWISTAR Employee Id: 2339 Comments : Draft PA from Environmental Health Associates, Inc. Administrative Action: PRELIMINARY ASSESSMENT EQUIVALENT Admin Action Category: Not reported Admin Flag: True Admin Action Code Flag: False Admin Action : PRELIMINARY ASSESSMENT EQUIVALENT	Action ID: 9459 Start Date: 1999-01-01 00:00:00 Region ID: Northwestern Region Substance Code: SAS Cleanup Flag: False Update Date: 2003-01-08 10:22:46. Create Date: 2003-01-08 10:22:46.
Admin ID: 726147 Agency ID : Dept Of Environmental Quality Further Action: 0 Complete Date: 2004-11-24 11:35:35 Rank Value: Not reported Updated By: ACOATES Created By: JWAGGY Employee Id: 2278 Comments : Attorney working on Indemnification Agreement. Administrative Action: NEGOTIATIONS Admin Action Category: Not reported	Action ID: 9442 Start Date: 2003-03-21 00:00:00 Region ID: Northwestern Region Substance Code: VCS Cleanup Flag: False Update Date: 2005-03-18 11:39:19. Create Date: 2003-05-08 10:02:13.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

(Continued)

S103841493

Rank Value:	94	Cleanup Flag:	False
Updated By:	cwh	Update Date:	2002-12-05 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	2339		
Comments :	Reevaluated based on new data and Columbia Slough focus.		
Administrative Action:	State Expanded Preliminary Assessment recommended (XPA)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	State Expanded Preliminary Assessment recommended (XPA)		

Admin ID:	700779	Action ID:	9498
Agency ID :	Dept Of Environmental Quality	Start Date:	2002-11-18 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	2002-11-18 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	cwh	Update Date:	2002-12-05 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	Proposal for Confirmed Release List recommended		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Proposal for Confirmed Release List recommended		

Admin ID:	700782	Action ID:	9499
Agency ID :	Dept Of Environmental Quality	Start Date:	2002-11-18 00:00:00
Further Action:	Not reported	Region ID:	Headquarters
Complete Date:	2002-11-18 00:00:00	Substance Code:	SAS
Rank Value:	0	Cleanup Flag:	False
Updated By:	cwh	Update Date:	2002-12-05 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	Proposal for Inventory recommended		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Proposal for Inventory recommended		

Admin ID:	700824	Action ID:	9519
Agency ID :	Dept Of Environmental Quality	Start Date:	2002-12-16 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2003-03-21 09:59:25	Substance Code:	VCS
Rank Value:	0	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2003-05-08 10:02:40.
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	181		
Comments :	Received Intent to Participate in VCP.		
Administrative Action:	VCS Waiting List		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	VCS Waiting List		

DISPOSAL:			
Disposal ID:	Not reported	Feature ID:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841493

Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported
County Code :	Not reported
Refrence Id :	Not reported
Twnshp Coord :	Not reported
Township Zone :	Not reported
Range Coord :	Not reported
Range Zone :	Not reported
Section Coord :	Not reported
Qtr Section Coord :	Not reported
Address :	Not reported
Zip Plus :	Not reported
Lat/Long :	Not reported
Lat/Lon Decimal :	Not reported
Feature Size :	Not reported
Est Accuracy :	Not reported
Created On Date :	Not reported
Created By Prgm :	Not reported
Last Updated By :	Not reported
Last Updated On :	Not reported
Comment :	Not reported

WELL:

Well ID:	Not reported
Water Resource Code:	Not reported
Effective Date:	Not reported
Aquifer Code:	Not reported
Ground Station Key:	Not reported

OPERATIONS:

Operation Id :	134719
Operation Status :	Active
Common Name :	Dynea Overlays, Inc.
Yrs of Operation :	1999 to present
Comments :	1999 to present

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S103841493

Updated By : GWISTAR
Updated Date : 2003-04-02 12:45:00.

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:Not reported
SIC Code: Not reported
Created By: Not reported
Created Date: Not reported
Operation Id : 131569
Operation Status :Inactive
Common Name : M & M Woodworking
Yrs of Operation : until 1956
Comments : until 1956
Updated By : gmw
Updated Date : 1996-04-25 00:00:00

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:Not reported
SIC Code: Not reported
Created By: Not reported
Created Date: Not reported
Operation Id : 131570
Operation Status :Inactive
Common Name : Simpson Timber Co. - Portland
Yrs of Operation : 1956 to 1999
Comments : 1956 to 1999
Updated By : GWISTAR
Updated Date : 2003-04-02 12:43:35.

Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id:195465
SIC Code: 2851
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

HAZMAT:

Facility ID: HM06-940183
Incident District: PORTLAND
Incident Day: Wed
Alarm Time: 12/30/1899
Back in Service: 12/30/1899
Responsible Party:DOUGLAS ENDICOTT
2301 N COLUMBIA
PORTLAND, OR 97217

Dept Resp: HAZMAT TEAM PORTLAND
Arrival Time: 12/30/1899
Company: SIMPSON LUMBER

RP Phone: 289-1111
Scene Type: Not reported
Wind Direction: Not reported
WFair: True
Num U Desc: Not reported

RP Phone 2: Not reported
Area Type: Not reported
Wind Speed: Not reported
Num U Fire: 1

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841493

Num U Local: 0	Num U State: 1
Num U Police: 2	Num U Public Wks: 0
Num U Amb: 1	Num U Agency: 2
Num U Federal: 0	Num U RR: 0
Num U Other: 0	
Act Secure Area: True	Act Crowd Control: True
Act Hot Zone: True	
Act on Site: False	Act Transport: False
Sol Com Vecicle: False	Mi Fuel: False
Chemical: SODIUM HYDROXIDE 50%/FORMALDEHYDE 50%	
Num Cont 1: 1	Size Cont 1: 4600
Num Cont 2: 0	Size Cont 2: 0
Num Cont 3: 0	Size Cont 3: 0
Num Cont 4: 0	Size Cont 4: 0
Num Cont 5: 0	Size Cont 5: 0
Amt Rsk G1: 4600	Amt Rel G1: 100
Amt Rsk G2: 0	Amt Rel G2: 0
Amt Rsk G3: 0	Amt Rel G3: 0
Amt Rsk G4: 0	Amt Rel G4: 0
Amt Rsk G5: 0	
Mu Chem Trec: False	Mu Ship Papers: False
Mu Placards: False	Mu On Scene Test: False
Mu Other Desc: Y	
Vehical Plus: 0	Fixed Property: 0
Fire Inj: 0	Fire Death: 0
Fire Decon: 0	Fire Treat: 0
Fire Hopital: 0	
Civ Inj: 0	Civ Death: 0
Civ Decon: 0	Civ Treat: 0
Civ Hopital: 0	
Other Inj: 0	Other Death: 0
Other Decon: 0	Other Treat: 0
Other Hopital: 0	
Person File: PERRY SIGLER	Title Person File: LT
Agency: PTLD FB	Agency ID: Not reported
Num U Deq: 0	Inc Num Short: 940183
Hazmat Team: 06	Hazmat local: False
Hazmat State: False	Agency Phone: 823-3850
ID Number: HM-06	OERS Number: Not reported
Dept Rsp 2: Not reported	
St Pub Road: False	St Pub Struct: False
St Pub Land: False	St Forest: False
St Other: False	
St Pri Road: False	St Pri Struct: True
St Waterway: False	St Pri Land: False
A Industrial: True	A Residential: False
A Forest: False	A commercial: False
A Rural Agri: False	
W Rain: False	W Fog: False
W Snow Ice: False	
W Sunny: False	W Other Desc: Not reported
Act Activate Oers: True	Act Traffic: False
Act Exiting: False	Act ID Hazmat: True
Act Evcuate: False	Act Decontam: False
Act Evaluate: False	Act Cleanup: False
Act Pub Info: False	Act Remote Haz: False
Soi Drug Lab: False	Soi Car: False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841493

Soi Fixed Facility: True	Soi Train: False
Soi Pipeline: False	Soi Ship: False
Soi Aircraft: False	Soi Other: F
Soi Desc: F	Soi Other Desc: Not reported
Mi Cargo: False	Mi Product: True
Mi Waste Mat: False	
Coi Normal Op: True	Coi Dur Fire: False
Coi Dur Storage: False	Coi Excavation: False
Coi Railcar: False	Coi MVA: False
Coi Durmanuf: False	Coi Unauthor: False
Coi Derailment: False	Coi Dur Repair: False
Coi Abandon: False	Coi in Transit: False
Coi Docked: False	Coi Mat not Rel: False
Amt Rilb1: 0	Amt Ricf1: 0
Amt Rilb2: 0	Amt Ricf2: 0
Amt Rilb3: 0	Amt Ricf3: 0
Amt Rilb4: 0	Amt Ricf4: 0
Amt Rilb5: 0	Amt Ricf5: 0
A Other: F	Num U State Ag: 2
Amt Rsk P1: 0	Amt Rsk C1: 0
Amt Rsk P2: 0	Amt Rsk C2: 0
Amt Rsk P3: 0	Amt Rsk C3: 0
Amt Rsk P4: 0	Amt Rsk C4: 0
Amt Rsk P5: 0	Amt Rsk C5: 0
Mu Sfm Hazcom: False	Mu Off Scene: False
Mu Text Book: False	Mu Other: False
Mu Resp Party: True	
FD Id: -06	
Incident Date: 05/11/1994	
Agency Report #: 94-16986	
Hmb Cont Fire: False	Hmb Cause Fire: False
In Route: 12/30/1899	
Date Added: / /	
Unit: Not reported	
Hmb Caus Expl: False	Hmb Cont Expl: False
Hmb Inert No React: False	
Hmb Bec Airborne: False	
Hmb Contam Area: True	
Hmb Enter Water: False	
Comments:	

RESPONDED TO ABOVE ADDRESS AT REQUEST OF RESPONSIBLE PARTY. EMPLOYEE HAD USED ABSORBANT PADS TO WIPE UP SOME PHENOL FROM LEAKING FLEX TUBE FROM RXR CAN. EXCISE FROM PAIL CONTAINING STRONG POTASSIUM PERMANGENATE. EXPLOSIVE REACTION OCCURRED BURSTI NO COMMENTS GIVEN.

ARRIVED ON SCENE. FULL BOX ON SCENE. BUILDING HAD BEEN EVACUATED & ENTRY CONTROLLED. ESTABLISHED HOT ZONE. SPOKE WITH EMPLOYEES. COOLING PUMP FOR PROCESS SHUT DOWN. CHEMS BECAME OVERHEATED, EMPLOYEES INITIATED EMERGENCY COOLING/EVACUATED & CALLED 911

NG 5 GALLONS CONTAINER AND INJURING EMPLOYEE. THIS HAPPENED BETWEEN 1200 AND 1300 HRS ACCORDING TO EMPLOYEES, MEANWHILE A SEPARATE 55 GALLON DRUM WITH APPROXIMATELY 16 # POTASSIUM AND 20 # WATER, ALSO CONTAMINATED WITH PHENOL, APPEARED TO BE REACTI

1. RE

NG. EMPLOYEES ATTEMPTED TO COOL CONTAINER. INITIAL TEMPERATURE REACHED 120 DEGREES FARENHEIT AND BY THE TIME HM 16 ARRIVED AT 2000 HRS , TEMPS HAD DROPPED TO 88 DEGREES. HM 16 CONSULTED WITH SUPPLIER OF POTASSIUM PERMANGENATE, CARUS CHEMICAL COM

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841493

PANY AND WAS TOLD THAT FURTHER DILUTION AND COLLING OF CONTAINER WOULD BRING SOLUTION TO A SAFE LEVEL. HM 16 COOLED TO 72 DEGREES FARENHEIT AND BROUGHT PH TO APPROXIMATELY 9 AND RELEASED FACILITY TO REIDEL ENVIRONMENTAL FOR FURTHER CLEANUP.

Facility ID:	0291-890114	Dept Resp:	PORTLAND FIRE BUREAU
Incident District:	PORTLAND	Arrival Time:	12/30/1899
Incident Day:	Fri	Company:	SIMPSON FOREST PROD
Alarm Time:	12/30/1899		
Back in Service:	12/30/1899		
Responsible Party:	Not reported		
	2301 N COLUMBIA		
	PORTLAND, OR 97217		
RP Phone:	(503) 289-1111	RP Phone 2:	Not reported
Scene Type:	Not reported	Area Type:	Not reported
Wind Direction:	NW	Wind Speed:	0-5
WFair:	True		
Num U Desc:	Not reported	Num U Fire:	4
Num U Local:	1	Num U State:	0
Num U Police:	1	Num U Public Wks:	0
Num U Amb:	0	Num U Agency:	0
Num U Federal:	0	Num U RR:	0
Num U Other:	0		
Act Secure Area:	True	Act Crowd Control:	False
Act Hot Zone:	True		
Act on Site:	False	Act Tansport:	False
Sol Com Vecicle:	False	Mi Fuel:	False
Chemical:	POTASSIUM PERMANGANATE		
Num Cont 1:	1	Size Cont 1:	5
Num Cont 2:	0	Size Cont 2:	0
Num Cont 3:	0	Size Cont 3:	0
Num Cont 4:	0	Size Cont 4:	0
Num Cont 5:	0	Size Cont 5:	0
Amt Rsk G1:	0	Amt Rel G1:	0
Amt Rsk G2:	0	Amt Rel G2:	0
Amt Rsk G3:	0	Amt Rel G3:	0
Amt Rsk G4:	0	Amt Rel G4:	0
Amt Rsk G5:	0		
Mu Chem Trec:	False	Mu Ship Papers:	False
Mu Placards:	False	Mu On Scene Test:	False
Mu Other Desc:	Not reported		
Vehical Plus:	0	Fixed Property:	300
Fire Inj:	0	Fire Death:	0
Fire Decon:	0	Fire Treat:	0
Fire Hopital:	0		
Civ Inj:	0	Civ Death:	0
Civ Decon:	0	Civ Treat:	0
Civ Hopital:	0		
Other Inj:	0	Other Death:	0
Other Decon:	0	Other Treat:	0
Other Hopital:	0		
Person File:	PERRY SIGLE	Title Person File:	LT/ HM16
Agency:	PORTLAND FB	Agency ID:	03448
Num U Deq:	0	Inc Num Short:	890114
Hazmat Team:	Not reported	Hazmat local:	False
Hazmat State:	False	Agency Phone:	(503) 243-7946
ID Number:	02-291	OERS Number:	Not reported
Dept Rsp 2:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841493

<p>St Pub Road: False St Pub Land: False St Other: False St Pri Road: False St Waterway: False A Industrial: True A Forest: False A Rural Agri: False W Rain: False W Snow Ice: False W Sunny: False Act Activate Oers: False Act Exiting: False Act Evacuate: True Act Evaluate: False Act Pub Info: False Soi Drug Lab: False Soi Fixed Facility: True Soi Pipeline: False Soi Aircraft: False Soi Desc: F Mi Cargo: False Mi Waste Mat: False Coi Normal Op: False Coi Dur Storage: False Coi Railcar: False Coi Durmanuf: False Coi Derailment: False Coi Abandon: False Coi Docked: False Amt Rilb1: 5 Amt Rilb2: 0 Amt Rilb3: 0 Amt Rilb4: 0 Amt Rilb5: 0 A Other: F Amt Rsk P1: 15 Amt Rsk P2: 0 Amt Rsk P3: 0 Amt Rsk P4: 0 Amt Rsk P5: 0 Mu Sfm Hazcom: False Mu Text Book: False Mu Resp Party: False FD Id: 0291 Incident Date: 04/28/1989 Agency Report # : 89-18092 Hmb Cont Fire: False In Route : 12/30/1899 Date Added: / / Unit: Not reported Hmb Caus Expl: True Hmb Inert No React: False Hmb Bec Airborne: False Hmb Contam Area: False Hmb Enterd Water: False Comments: RESPONDED TO ABOVE ADDRESS AT REQUEST OF RESPONSIBLE PARTY. EMPLOYEE</p>	<p>St Pub Struct: False St Forest: False St Pri Struct: True St Pri Land: False A Residential: False A commercial: False W Fog: False W Other Desc: Not reported Act Traffic: False Act ID Hazmat: False Act Decontam: False Act Cleanup: False Act Remote Haz: False Soi Car: False Soi Train: False Soi Ship: False Soi Other: F Soi Other Desc: Not reported Mi Product: True Coi Dur Fire: False Coi Excavation: False Coi MVA: False Coi Unauthor: False Coi Dur Repair: False Coi in Transit: False Coi Mat not Rel: False Amt Ricf1: 0 Amt Ricf2: 0 Amt Ricf3: 0 Amt Ricf4: 0 Amt Ricf5: 0 Num U State Ag: 0 Amt Rsk C1: 0 Amt Rsk C2: 0 Amt Rsk C3: 0 Amt Rsk C4: 0 Amt Rsk C5: 0 Mu Off Scene: False Mu Other: False Hmb Cause Fire: False Hmb Cont Expl: False</p>
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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S103841493

HAD USED ABSORBANT PADS TO WIPE UP SOME PHENOL FROM LEAKING FLEX TUBE FROM RXR CAN. EXCISE FROM PAIL CONTAINING STRONG POTASSIUM PERMANGENATE. EXPLOSIVE REACTION OCCURRED BURSTI NO COMMENTS GIVEN.

ARRIVED ON SCENE. FULL BOX ON SCENE. BUILDING HAD BEEN EVACUATED & ENTRY CONTROLLED. ESTABLISHED HOT ZONE. SPOKE WITH EMPLOYEES. COOLING PUMP FOR PROCESS SHUT DOWN. CHEMS BECAME OVERHEATED, EMPLOYEES INITIATED EMERGENCY COOLING/EVACUATED & CALLED 91 NG 5 GALLONS CONTAINER AND INJURING EMPLOYEE. THIS HAPPENED BETWEEN 1200 AND 1300 HRS ACCORDING TO EMPLOYEES, MEANWHILE A SEPARATE 55 GALLON DRUM WITH APPROXIMATELY 16 # POTASSIUM AND 20 # WATER, ALSO CONTAMINATED WITH PHENOL, APPEARED TO BE REACTI

1. RE

NG. EMPLOYEES ATTEMPTED TO COOL CONTAINER. INITIAL TEMPERATURE REACHED 120 DEGREES FARENHEIT AND BY THE TIME HM 16 ARRIVED AT 2000 HRS , TEMPS HAD DROPPED TO 88 DEGREES. HM 16 CONSULTEDDD WITH SUPPLIER OF POTASSIUM PERMANGENATE, CARUS CHEMICAL COM PANY AND WAS TOLD THAT FURTHER DILUTION AND COLLING OF CONTAINER WOULD BRING SOLUTION TO A SAFE LEVEL. HM 16 COOLED TO 72 DEGREES FARENHEIT AND BROUGHT PH TO APPROXIMATELY 9 AND RELEASED FACILITY TO REIDEL ENVIRONMENTAL FOR FURTHER CLEANUP.

Facility ID:	0291-920381	Dept Resp:	PORTLAND FIRE BUREAU
Incident District:	PORTLAND	Arrival Time:	12/30/1899
Incident Day:	Sun	Company:	SIMPSON LUMBARD
Alarm Time:	12/30/1899		
Back in Service:	12/30/1899		
Responsible Party:	WALLY MCBRIDE		
	2301 N COLUMBIA		
	PORTLAND, OR 97217		
RP Phone:	289-1111	RP Phone 2:	206-573-0663
Scene Type:	Not reported	Area Type:	Not reported
Wind Direction:	Not reported	Wind Speed:	Not reported
WFair:	True		
Num U Desc:	Not reported	Num U Fire:	1
Num U Local:	1	Num U State:	0
Num U Police:	0	Num U Public Wks:	0
Num U Amb:	0	Num U Agency:	0
Num U Federal:	0	Num U RR:	0
Num U Other:	0		
Act Secure Area:	False	Act Crowd Control:	False
Act Hot Zone:	False		
Act on Site:	False	Act Tansport:	False
Sol Com Vecicle:	False	Mi Fuel:	True
Chemical:	DIESEL		
Num Cont 1:	0	Size Cont 1:	0
Num Cont 2:	0	Size Cont 2:	0
Num Cont 3:	0	Size Cont 3:	0
Num Cont 4:	0	Size Cont 4:	0
Num Cont 5:	0	Size Cont 5:	0
Amt Rsk G1:	0	Amt Rel G1:	0
Amt Rsk G2:	0	Amt Rel G2:	0
Amt Rsk G3:	0	Amt Rel G3:	0
Amt Rsk G4:	0	Amt Rel G4:	0
Amt Rsk G5:	0		
Mu Chem Trec:	False	Mu Ship Papers:	False
Mu Placards:	False	Mu On Scene Test:	False
Mu Other Desc:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841493

Vehical Plus:	0	Fixed Property:	0
Fire Inj:	0	Fire Death:	0
Fire Decon:	0	Fire Treat:	0
Fire Hopital:	0		
Civ Inj:	0	Civ Death:	0
Civ Decon:	0	Civ Treat:	0
Civ Hopital:	0		
Other Inj:	0	Other Death:	0
Other Decon:	0	Other Treat:	0
Other Hopital:	0		
Person File:	GARY BUCHANA	Title Person File:	LT
Agency:	PORTLAND	Agency ID:	Not reported
Num U Deq:	0	Inc Num Short:	920381
Hazmat Team:	Not reported	Hazmat local:	False
Hazmat State:	False	Agency Phone:	285-1322
ID Number:	02-291	OERS Number:	Not reported
Dept Rsp 2:	Not reported		
St Pub Road:	False	St Pub Struct:	False
St Pub Land:	False	St Forest:	False
St Other:	False		
St Pri Road:	False	St Pri Struct:	True
St Waterway:	False	St Pri Land:	False
A Industrial:	True	A Residential:	False
A Forest:	False	A commercial:	False
A Rural Agri:	False		
W Rain:	False	W Fog:	False
W Snow Ice:	False		
W Sunny:	False	W Other Desc:	Not reported
Act Activate Oers:	False	Act Traffic:	False
Act Exiting:	False	Act ID Hazmat:	True
Act Evcuate:	False	Act Decontam:	False
Act Evaluate:	False	Act Cleanup:	False
Act Pub Info:	False	Act Remote Haz:	False
Soi Drug Lab:	False	Soi Car:	False
Soi Fixed Facility:	True	Soi Train:	False
Soi Pipeline:	False	Soi Ship:	False
Soi Aircraft:	False	Soi Other:	F
Soi Desc:	F	Soi Other Desc:	Not reported
Mi Cargo:	False	Mi Product:	False
Mi Waste Mat:	False		
Coi Normal Op:	False	Coi Dur Fire:	False
Coi Dur Storage:	True	Coi Excavation:	False
Coi Railcar:	False	Coi MVA:	False
Coi Durmanuf:	False	Coi Unauthor:	False
Coi Derailment:	False	Coi Dur Repair:	False
Coi Abandon:	False	Coi in Transit:	False
Coi Docked:	False	Coi Mat not Rel:	False
Amt Rilb1:	0	Amt Ricf1:	0
Amt Rilb2:	0	Amt Ricf2:	0
Amt Rilb3:	0	Amt Ricf3:	0
Amt Rilb4:	0	Amt Ricf4:	0
Amt Rilb5:	0	Amt Ricf5:	0
A Other:	F	Num U State Ag:	0
Amt Rsk P1:	0	Amt Rsk C1:	0
Amt Rsk P2:	0	Amt Rsk C2:	0
Amt Rsk P3:	0	Amt Rsk C3:	0
Amt Rsk P4:	0	Amt Rsk C4:	0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S103841493

Amt Rsk P5: 0
Mu Sfm Hazcom: False
Mu Text Book: False
Mu Resp Party: True
FD Id: 0291
Incident Date: 12/20/1992
Agency Report # : 92-44625
Hmb Cont Fire: False
In Route : 12/30/1899
Date Added: / /
Unit: Not reported
Hmb Caus Expl: False
Hmb Inert No React: False
Hmb Bec Airborne: False
Hmb Contam Area: False
Hmb Enterd Water: True

Amt Rsk C5: 0
Mu Off Scene: False
Mu Other: False
Hmb Cause Fire: False
Hmb Cont Expl: False

Comments: RESPONDED TO ABOVE ADDRESS AT REQUEST OF RESPONSIBLE PARTY. EMPLOYEE HAD USED ABSORBANT PADS TO WIPE UP SOME PHENOL FROM LEAKING FLEX TUBE FROM RXR CAN. EXCISE FROM PAIL CONTAINING STRONG POTASSIUM PERMANGENATE. EXPLOSIVE REACTION OCCURRED BURSTI
NO COMMENTS GIVEN.
ARRIVED ON SCENE. FULL BOX ON SCENE. BUILDING HAD BEEN EVACUATED & ENTRY CONTROLLED. ESTABLISHED HOT ZONE. SPOKE WITH EMPLOYEES. COOLING PUMP FOR PROCESS SHUT DOWN. CHEMS BECAME OVERHEATED, EMPLOYEES INITIATED EMERGENCY COOLING/EVACUATED & CALLED 911
NG 5 GALLONS CONTAINER AND INJURING EMPLOYEE. THIS HAPPENED BETWEEN 1200 AND 1300 HRS ACCORDING TO EMPLOYEES, MEANWHILE A SEPARATE 55 GALLON DRUM WITH APPROXIMATELY 16 # POTASSIUM AND 20 # WATER, ALSO CONTAMINATED WITH PHENOL, APPEARED TO BE REACTING.
1. REACTING. EMPLOYEES ATTEMPTED TO COOL CONTAINER. INITIAL TEMPERATURE REACHED 120 DEGREES FARENHEIT AND BY THE TIME HM 16 ARRIVED AT 2000 HRS , TEMPS HAD DROPPED TO 88 DEGREES. HM 16 CONSULTED WITH SUPPLIER OF POTASSIUM PERMANGENATE, CARUS CHEMICAL COMPANY AND WAS TOLD THAT FURTHER DILUTION AND COLLING OF CONTAINER WOULD BRING SOLUTION TO A SAFE LEVEL. HM 16 COOLED TO 72 DEGREES FARENHEIT AND BROUGHT PH TO APPROXIMATELY 9 AND RELEASED FACILITY TO REIDEL ENVIRONMENTAL FOR FURTHER CLEANUP.

OR CRL:

Facility ID: 161
Location ID: 1043
Status Code: LIS
Facility Status: EXPANDED PRELIMINARY ASSESSMENT
Lat/Long: 45.5888 / -122.6908

OR VCS:

ECS Site ID: 161
Action: EXPANDED PRELIMINARY ASSESSMENT
Start Date: 2004-11-24
End Date: Not reported
Program: VCP
CRL: LIS
Facility Size: 12.94 acres
Project Manager Last Name: Coates
Project Manager First Name: Anna

OR AIRS:

Source ID: 263009

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103841493

SIC Code: 2641/2672/2821/4961
 Lat Dec: 46
 Lat Deg: 45
 Lat Min: 35
 Lat Sec: 12
 Lon Dec: -123
 Lon Deg: -122
 Lon Min: 41
 Lon Sec: 24
 Permit Type: TV
 Report Year: 2002
 Pollutant: CO
 Sum Of Emmission Amount: 4.76
 Report Year: 2002
 Pollutant: NO2
 Sum Of Emmission Amount: 16.17
 Report Year: 2002
 Pollutant: PM10
 Sum Of Emmission Amount: 0.16
 Report Year: 2002
 Pollutant: PM2.5
 Sum Of Emmission Amount: 0.11
 Report Year: 2002
 Pollutant: PT
 Sum Of Emmission Amount: 0.16
 Report Year: 2002
 Pollutant: SO2
 Sum Of Emmission Amount: 0.17
 Report Year: 2002
 Pollutant: VOC
 Sum Of Emmission Amount: 261.45

AB119 **BLASEN & BLASEN LUMBER CO**
East **2155 N COLUMBIA BLVD**
1/2-1 **PORTLAND, OR 97217**
4691 ft.

SHWS - ECSI **1000641909**
UST **N/A**
AST
HSIS

Site 1 of 2 in cluster AB

Relative:
Lower

ECSI:

Actual:
42 ft.

State ID Number: 4140	Brown ID	0
Study Area: False		
Cerclis ID: Not reported	Tax Lots:	500
Size: 12.34 acres	NPL:	False
Orphan: False	Region ID:	2
Lat/Long: 45.5878 / -122.689	Tax Lots:	500
Township Coord.: 1.00	Township Zone:	N
Range Coord.: 1.00	Range Zone:	E
Section Coord.: 9	Qtr Section:	A
Legislative : 9	Further Action:	0
FACA ID : 5149	Score Value:	Not reported
Update Date : 2006-04-20 14:53:04.	Created Date:	JWAGGY
Created Time : 2004-05-13 15:59:02.		
Updated By : GWISTAR		

HAZ RELEASED:

Quant. Released: Not reported
 Date: Not reported
 Update Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BLASEN & BLASEN LUMBER CO (Continued)

1000641909

Update By: Not reported
Substance ID : Not reported
Code : Not reported
Substance Name : Not reported
Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : Not reported
Sub Alias Name : Not reported
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : Not reported
Feature Id : Not reported
Hazard Release Id : Not reported
Medium Code Id : Not reported
Substance Id : Not reported
Unit Code : Not reported
Observation : Not reported
Owner Operator : Not reported
Lab Data : Not reported
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : Not reported
Last Updated On : Not reported
Sample Comment : Not reported

Alias Name: Not reported
Investigation Status: 208

NARR:

NARR ID: 5745257
NARR Code : Contamination
Created By: CHARMAN
Create Date: 2004-07-29 14:05:39.
Updated By: CHARMAN
Updated Date: 2004-07-29 14:05:39.

NARR Comments Site discovered from Columbia Slough Area-wide Site Discovery Project. Past industrial use as a sawmill and some indication that wood treating was performed. Aerial photos also indicate possible vegetation stress in areas in back of site.

ECWQ:

Owner Site Num: Not reported FACA Id : 5149
Site Name: Blasen and Blasen Lumber
County Code : 26.00
Owner Name: Not reported
Owner Address: 2155 N Columbia Blvd
Portland, 97217
Lat/Long 45.5865 / -122.6870
Owner Code: SUS

PERMIT:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BLASEN & BLASEN LUMBER CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000641909

No. of Employees:	34
Placard:	No
Business Type:	LUMBER WHSLE
Sprinkler System:	Yes
Business Phone:	5032830500
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	BLASEN & BLASEN LUMBER CO
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	GAS
Average Amount Possessed During The Year Code:	10
Description Of The Avg Qnty Code:	200-499
Maximum Amount Possessed During The Year Code:	10
Description Of The Max Qnty Code:	200-499
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Storage Container:	
Type Code:	A
Description:	ABOVEGROUND TANK
Pressure of Hazardous Substance Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1075
Chemical Abstract Service Identifier Number:	74986
First Hazardous Classification Code For Chemical:	2.1
Hazard Classification 1 Of The Chemical:	Flammable Gases
Second Hazardous Classification Code For Chemical:	6.3
Hazard Classification 2 Of The Chemical:	Acute Health Hazard
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Pure
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	No
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	PROPANE
Contains 112R :	No
Contains EHS:	No
Contains 313:	No
Fertilizer:	No
Pesticide:	No
NAICS Code 1:	321912
NAICS Desc 1:	CUT STOCK, RESAWING LUMBER, & PLANING
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Emergency Contact:	D M BLASEN
Emergency Procedure:	Not reported
Chemical Trade Name:	ACETYLENE
Manager Name:	D M BLASEN
Mailing Address:	PO BOX 17130 PORTLAND, OR 97217

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BLASEN & BLASEN LUMBER CO (Continued)

1000641909

Mailing County:	MULTNOMAH
Day Phone:	5032830500
Employee File #:	000413
No. of Employees:	34
Placard:	No
Business Type:	LUMBER WHSLE
Sprinkler System:	Yes
Business Phone:	5032830500
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	BLASEN & BLASEN LUMBER CO
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	GAS
Average Amount Possessed During The Year Code:	10
Description Of The Avg Qnty Code:	200-499
Maximum Amount Possessed During The Year Code:	11
Description Of The Max Qnty Code:	500-999
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Storage Container:	
Type Code:	L
Description:	CYLINDER
Pressure of Hazardous Substance Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1001
Chemical Abstract Service Identifier Number:	74862
First Hazardous Classification Code For Chemical:	2.1
Hazard Classification 1 Of The Chemical:	Flammable Gases
Second Hazardous Classification Code For Chemical:	6.3
Hazard Classification 2 Of The Chemical:	Acute Health Hazard
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Pure
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	No
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	ACETYLENE
Contains 112R :	No
Contains EHS:	No
Contains 313:	No
Fertilizer:	No
Pesticide:	No
NAICS Code 1:	321912
NAICS Desc 1:	CUT STOCK, RESAWING LUMBER, & PLANING
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Emergency Contact:	D M BLASEN
Emergency Procedure: Not reported	
Chemical Trade Name:	OXYGEN

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLASEN & BLASEN LUMBER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000641909

Manager Name:	D M BLASEN
Mailing Address:	PO BOX 17130 PORTLAND, OR 97217
Mailing County:	MULTNOMAH
Day Phone:	5032830500
Employee File #:	000413
No. of Employees:	34
Placard:	No
Business Type:	LUMBER WHSLE
Sprinkler System:	Yes
Business Phone:	5032830500
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	BLASEN & BLASEN LUMBER CO
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	GAS
Average Amount Possessed During The Year Code:	11
Description Of The Avg Qnty Code:	500-999
Maximum Amount Possessed During The Year Code:	11
Description Of The Max Qnty Code:	500-999
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Storage Container:	
Type Code:	L
Description:	CYLINDER
Pressure of Hazardous Substance Code:	2
Pressure Description:	GREATER THAN NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1072
Chemical Abstract Service Identifier Number:	7782447
First Hazardous Classification Code For Chemical:	5.1
Hazard Classification 1 Of The Chemical:	Oxidizers
Second Hazardous Classification Code For Chemical:	2.2
Hazard Classification 2 Of The Chemical:	NonFlammable Gases
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Pure
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	No
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	OXYGEN
Contains 112R :	No
Contains EHS:	No
Contains 313:	No
Fertilizer:	No
Pesticide:	No
NAICS Code 1:	321912
NAICS Desc 1:	CUT STOCK, RESAWING LUMBER, & PLANING
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BLASEN & BLASEN LUMBER CO (Continued)

1000641909

Emergency Contact:	D M BLASEN
Emergency Procedure: Not reported	
Chemical Trade Name:	GENEREX 2397
Manager Name:	D M BLASEN
Mailing Address:	PO BOX 17130 PORTLAND, OR 97217
Mailing County:	MULTNOMAH
Day Phone:	5032830500
Employee File #:	000413
No. of Employees:	34
Placard:	No
Business Type:	LUMBER WHSLE
Sprinkler System:	Yes
Business Phone:	5032830500
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	BLASEN & BLASEN LUMBER CO
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	LIQUID
Average Amount Possessed During The Year Code:	04
Description Of The Avg Qnty Code:	50-199
Maximum Amount Possessed During The Year Code:	04
Description Of The Max Qnty Code:	50-199
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Storage Container:	
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Hazardous Substance Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	Not reported
Chemical Abstract Service Identifier Number:	100378
First Hazardous Classification Code For Chemical:	9.0
Hazard Classification 1 Of The Chemical:	Misc.Haz. Materials
Second Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 2 Of The Chemical:	Not reported
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Mixture
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	No
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	DIETHYLAMINO ETHANOL
Contains 112R :	Not reported
Contains EHS:	Not reported
Contains 313:	Not reported
Fertilizer:	Not reported
Pesticide:	Not reported
NAICS Code 1:	321912

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BLASEN & BLASEN LUMBER CO (Continued)

1000641909

NAICS Desc 1:	CUT STOCK, RESAWING LUMBER, & PLANING
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Emergency Contact:	D M BLASEN
Emergency Procedure:	Not reported
Chemical Trade Name:	GENEREX 4666
Manager Name:	D M BLASEN
Mailing Address:	PO BOX 17130 PORTLAND, OR 97217
Mailing County:	MULTNOMAH
Day Phone:	5032830500
Employee File #:	000413
No. of Employees:	34
Placard:	No
Business Type:	LUMBER WHSLE
Sprinkler System:	Yes
Business Phone:	5032830500
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	BLASEN & BLASEN LUMBER CO
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	LIQUID
Average Amount Possessed During The Year Code:	04
Description Of The Avg Qnty Code:	50-199
Maximum Amount Possessed During The Year Code:	04
Description Of The Max Qnty Code:	50-199
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Storage Container:	
Type Code:	E
Description:	PLASTIC OR NON-METALLIC DRUM
Pressure of Hazardous Substance Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1824
Chemical Abstract Service Identifier Number:	1310732
First Hazardous Classification Code For Chemical:	8.0
Hazard Classification 1 Of The Chemical:	Corrosives
Second Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 2 Of The Chemical:	Not reported
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Mixture
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	No
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	Not reported
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingredient:	SODIUM HYDROXIDE SOL
Contains 112R :	Not reported
Contains EHS:	Not reported
Contains 313:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BLASEN & BLASEN LUMBER CO (Continued)

EDR ID Number
 EPA ID Number

1000641909

Fertilizer:	Not reported
Pesticide:	Not reported
NAICS Code 1:	321912
NAICS Desc 1:	CUT STOCK, RESAWING LUMBER, & PLANING
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional OR HSIS record(s) in the EDR Site Report.

UST:

Facility ID:	4912
Facility Telephone:	(503)283-0500
Permittee Name:	D M BLASEN, VP
Active Tanks:	Not reported
Decommissioned Tanks:	1
Number of Permitted Tanks:	Not reported
Number of Tanks:	1

AST:

Employer File Number:	000413
Hazardous Substance:	PROPANE
Reporting Quantities:	200-499
Quantity Units:	GALLONS
Physical State:	GAS
Storage 1:	ABOVEGROUND TANK

Employer File Number:	000413
Hazardous Substance:	DIESEL FUEL
Reporting Quantities:	1,000-4,999
Quantity Units:	GALLONS
Physical State:	LIQUID
Storage 1:	ABOVEGROUND TANK

AB120
 East
 1/2-1
 4785 ft.

FERGUSON ENTERPRISES INC
 2121 N COLUMBIA BLVD
 PORTLAND, OR 97217

SHWS - ECSI **S104049745**
 AST **N/A**
 HSIS

Site 2 of 2 in cluster AB

Relative:
 Lower

ECSI:

State ID Number:	3860	Brown ID	0
Study Area:	False		
Cerclis ID:	Not reported	Tax Lots:	100, 400
Size:	9.78 acres (2 lots)	NPL:	False
Orphan:	False	Region ID:	2
Lat/Long:	45.5868 / -122.688	Tax Lots:	100, 400
Township Coord.:	1.00	Township Zone:	N
Range Coord.:	1.00	Range Zone:	E
Section Coord.:	9	Qtr Section:	Not reported
Legislative :	9	Further Action:	258
FACA ID :	49061	Score Value:	Not reported
Update Date :	2006-04-20 14:55:35.	Created Date:	JWAGGY
Created Time :	2003-04-30 13:44:00.		
Updated By :	GWISTAR		

HAZ RELEASED:

Quant. Released:	Not reported
Date:	Not reported
Update Date:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FERGUSON ENTERPRISES INC (Continued)

S104049745

Update By: Not reported
Substance ID : Not reported
Code : Not reported
Substance Name : Not reported
Substance Abbrev. : Not reported
Substance Categ ID : Not reported
Substance Sub Categ : Not reported
Category Level : Not reported
Created By : Not reported
Create Date : Not reported
Substance Alias ID : Not reported
Sub Alias Name : Not reported
Rel Comment ID : Not reported
Release Code : Not reported
Release Comments : Not reported
Sampling Result ID : Not reported
Feature Id : Not reported
Hazard Release Id : Not reported
Medium Code Id : Not reported
Substance Id : Not reported
Unit Code : Not reported
Observation : Not reported
Owner Operator : Not reported
Lab Data : Not reported
Sample Depth : Not reported
Start Date : Not reported
End Date : Not reported
Minimum Concentration : Not reported
Max Concentration : Not reported
Last Update By : Not reported
Last Updated On : Not reported
Sample Comment : Not reported

Alias Name: Not reported
Investigation Status: 208

NARR:

NARR ID: 5743444
NARR Code : Remedial Action
Created By: JWAGGY
Create Date: 2003-04-30 13:52:49.
Updated By: JWAGGY
Updated Date: 2003-04-30 13:52:49.
NARR Comments Well logs show investigation in 1991, but no ECSI or UST listing.

ECWQ:

Owner Site Num: 134740 FACA Id : 49061
Site Name: Familian NW - 2121 N Columbia
County Code : 26.00
Owner Name: Familian NW
Owner Address: 2121 N Columbia
Portland, 97217
Lat/Long 45.5861 / -122.6881
Owner Code: SUS

PERMIT:

Permit Number: Not reported Permit Type: Not reported
Permit Agency: Not reported
Permit Comments: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FERGUSON ENTERPRISES INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104049745

ADMIN ACT:

Admin ID:	726006	Action ID:	9424
Agency ID :	Dept Of Environmental Quality	Start Date:	2003-04-30 00:00:00
Further Action:	Not reported	Region ID:	Not reported
Complete Date:	2003-04-30 00:00:00	Substance Code:	Not reported
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2003-04-30 13:44:00.
Created By:	JWAGGY	Create Date:	2003-04-30 13:44:00.
Employee Id:	313		
Comments :	Not reported		
Administrative Action:	Site added to database		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site added to database		

Admin ID:	726007	Action ID:	9508
Agency ID :	Dept Of Environmental Quality	Start Date:	2003-04-30 00:00:00
Further Action:	Medium	Region ID:	Northwestern Region
Complete Date:	Not reported	Substance Code:	SAS
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	JWAGGY	Update Date:	2004-05-13 15:54:20.
Created By:	JWAGGY	Create Date:	2003-04-30 13:53:23.
Employee Id:	2339		
Comments :	Not reported		
Administrative Action:	Site Screening recommended (EV)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site Screening recommended (EV)		

DISPOSAL:

Disposal ID:	Not reported	Feature ID:	Not reported
Medium :	Not reported		
Treatment :	Not reported		
Disposal Method:	Not reported		
Start Date:	Not reported	End Date:	Not reported
Disposal Flag:	Not reported	Disposal Qty:	Not reported
Unit Code:	Not reported		
Depth :	Not reported		
Monitor :	Not reported		
Manifest Num :	Not reported		
Removed By :	Not reported		
Loc Comments:	Not reported		
Disposal Sub ID:	Not reported		
Substance ID:	Not reported		
Created By:	Not reported		
Create Date:	Not reported		

FEATURE:

Feature Id :	Not reported
Site Id :	Not reported
Feature Code :	Not reported
Relative Position :	Not reported
Hazard Rel Id :	Not reported
Region Code :	Not reported
Lat Long Method :	Not reported
Lat Long Source :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FERGUSON ENTERPRISES INC (Continued)

S104049745

County Code : Not reported
Reference Id : Not reported
Twnshp Coord : Not reported
Township Zone : Not reported
Range Coord : Not reported
Range Zone : Not reported
Section Coord : Not reported
Qtr Section Coord : Not reported
Address : Not reported
Not reported
Zip Plus : Not reported
Lat/Long : Not reported
Lat/Lon Decimal : Not reported
Feature Size : Not reported
Est Accuracy : Not reported
Created On Date : Not reported
Created By Prgm : Not reported
Last Updated By : Not reported
Last Updated On : Not reported
Comment : Not reported

WELL:

Well ID: Not reported
Water Resource Code: Not reported
Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 134740
Operation Status : Unknown
Common Name : Familian NW
Yrs of Operation : Unknown
Comments : Unknown
Updated By : JWAGGY
Updated Date : 2003-04-30 13:51:54.

Process Code ID: Not reported
Years Of Process: Not reported
Created By: Not reported
Created Date: Not reported

Operations SIC Id: Not reported
SIC Code: Not reported
Created By: Not reported
Created Date: Not reported

HSIS:

Emergency Contact:
Emergency Procedure: Not reported
Chemical Trade Name:
Manager Name:
Mailing Address:

DOUG NELSON
ACETYLENE
GREGG BURBACK
2121 N COLUMBIA BLVD
PORTLAND, OR 97217
MULTNOMAH
5032833333
034701
220
Yes
PLUMBING WHOLESALER

Mailing County:
Day Phone:
Employee File #:
No. of Employees:
Placard:
Business Type:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FERGUSON ENTERPRISES INC (Continued)

S104049745

Sprinkler System:	Yes
Business Phone:	5032833333
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	FERGUSON ENTERPRISES INC
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	GAS
Average Amount Possessed During The Year Code:	04
Description Of The Avg Qnty Code:	50-199
Maximum Amount Possessed During The Year Code:	11
Description Of The Max Qnty Code:	500-999
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Storage Container:	
Type Code:	L
Description:	CYLINDER
Pressure of Hazardous Substance Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1001
Chemical Abstract Service Identifier Number:	74862
First Hazardous Classification Code For Chemical:	2.1
Hazard Classification 1 Of The Chemical:	Flammable Gases
Second Hazardous Classification Code For Chemical:	6.3
Hazard Classification 2 Of The Chemical:	Acute Health Hazard
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Pure
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	Not reported
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	ACETYLENE
Contains 112R :	No
Contains EHS:	No
Contains 313:	No
Fertilizer:	No
Pesticide:	No
NAICS Code 1:	423720
NAICS Desc 1:	PLUMBING & HEATING EQP & SUPPLIES (HYDRONI
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Emergency Contact:	DOUG NELSON
Emergency Procedure:	Not reported
Chemical Trade Name:	MAPP GAS
Manager Name:	GREGG BURBACK
Mailing Address:	2121 N COLUMBIA BLVD PORTLAND, OR 97217
Mailing County:	MULTNOMAH
Day Phone:	5032833333
Employee File #:	034701

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FERGUSON ENTERPRISES INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104049745

No. of Employees:	220
Placard:	Yes
Business Type:	PLUMBING WHOLESALER
Sprinkler System:	Yes
Business Phone:	5032833333
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	FERGUSON ENTERPRISES INC
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	GAS
Average Amount Possessed During The Year Code:	10
Description Of The Avg Qnty Code:	200-499
Maximum Amount Possessed During The Year Code:	10
Description Of The Max Qnty Code:	200-499
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Storage Container:	
Type Code:	L
Description:	CYLINDER
Pressure of Hazardous Substance Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1060
Chemical Abstract Service Identifier Number:	59355758
First Hazardous Classification Code For Chemical:	2.1
Hazard Classification 1 Of The Chemical:	Flammable Gases
Second Hazardous Classification Code For Chemical:	6.3
Hazard Classification 2 Of The Chemical:	Acute Health Hazard
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Mixture
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	Not reported
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	METHYL ACETYLENE AND PROPADIENE
Contains 112R :	No
Contains EHS:	No
Contains 313:	No
Fertilizer:	No
Pesticide:	No
NAICS Code 1:	423720
NAICS Desc 1:	PLUMBING & HEATING EQP & SUPPLIES (HYDRONI
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Emergency Contact:	DOUG NELSON
Emergency Procedure:	Not reported
Chemical Trade Name:	OXYGEN
Manager Name:	GREGG BURBACK
Mailing Address:	2121 N COLUMBIA BLVD PORTLAND, OR 97217

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FERGUSON ENTERPRISES INC (Continued)

S104049745

Mailing County:	MULTNOMAH
Day Phone:	5032833333
Employee File #:	034701
No. of Employees:	220
Placard:	Yes
Business Type:	PLUMBING WHOLESALER
Sprinkler System:	Yes
Business Phone:	5032833333
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	FERGUSON ENTERPRISES INC
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	GAS
Average Amount Possessed During The Year Code:	10
Description Of The Avg Qnty Code:	200-499
Maximum Amount Possessed During The Year Code:	11
Description Of The Max Qnty Code:	500-999
Applicable Unit Of Measure Code:	3
Description Of The Unit Of Measure:	CUBIC FEET
Storage Container:	
Type Code:	L
Description:	CYLINDER
Pressure of Hazardous Substance Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1072
Chemical Abstract Service Identifier Number:	7782447
First Hazardous Classification Code For Chemical:	5.1
Hazard Classification 1 Of The Chemical:	Oxidizers
Second Hazardous Classification Code For Chemical:	2.2
Hazard Classification 2 Of The Chemical:	NonFlammable Gases
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Pure
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	Not reported
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	OXYGEN
Contains 112R :	No
Contains EHS:	No
Contains 313:	No
Fertilizer:	No
Pesticide:	No
NAICS Code 1:	423720
NAICS Desc 1:	PLUMBING & HEATING EQP & SUPPLIES (HYDRONI
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
Emergency Contact:	DOUG NELSON
Emergency Procedure: Not reported	
Chemical Trade Name:	PROPANE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FERGUSON ENTERPRISES INC (Continued)

S104049745

Manager Name:	GREGG BURBACK
Mailing Address:	2121 N COLUMBIA BLVD PORTLAND, OR 97217
Mailing County:	MULTNOMAH
Day Phone:	5032833333
Employee File #:	034701
No. of Employees:	220
Placard:	Yes
Business Type:	PLUMBING WHOLESALER
Sprinkler System:	Yes
Business Phone:	5032833333
Department Or Division Of Company:	Not reported
Facility Has Written Emergency Plan:	No
Company Name:	FERGUSON ENTERPRISES INC
Fire Dept Code:	0291
Physical State :	Not reported
Physical State Of The Substance:	GAS
Average Amount Possessed During The Year Code:	11
Description Of The Avg Qnty Code:	500-999
Maximum Amount Possessed During The Year Code:	20
Description Of The Max Qnty Code:	1,000-4,999
Applicable Unit Of Measure Code:	2
Description Of The Unit Of Measure:	GALLONS
Storage Container:	
Type Code:	A
Description:	ABOVEGROUND TANK
Pressure of Hazardous Substance Code:	1
Pressure Description:	NORMAL PRESSURE
Temperature of The Hazardous Substance Code:	4
Temperature Description:	NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year:	365
Is The Substance Protected A Trade Secret:	No
United Nations/north America 4 Digit Classification Number:	1075
Chemical Abstract Service Identifier Number:	74986
First Hazardous Classification Code For Chemical:	2.1
Hazard Classification 1 Of The Chemical:	Flammable Gases
Second Hazardous Classification Code For Chemical:	6.3
Hazard Classification 2 Of The Chemical:	Acute Health Hazard
Third Hazardous Classification Code For Chemical:	Not reported
Hazard Classification 3 Of The Chemical:	Not reported
Is Substance Pure Or Mixture:	Pure
Hazard Rank:	2
Chemical Is An Extremely Hazardous Substance (ehs):	Not reported
Does The Chemical Contain A 112r Chemical:	No
Chemical Is A Toxic 313 Chemical:	No
EPA Pesticide Registration Number:	Not reported
Most Hazardous Ingridient:	PROPANE
Contains 112R :	No
Contains EHS:	No
Contains 313:	No
Fertilizer:	No
Pesticide:	No
NAICS Code 1:	423720
NAICS Desc 1:	PLUMBING & HEATING EQP & SUPPLIES (HYDRONI
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FERGUSON ENTERPRISES INC (Continued)

S104049745

Emergency Contact: DOUG NELSON
Emergency Procedure: Not reported
Chemical Trade Name: DRAIN CLEANERS
Manager Name: GREGG BURBACK
Mailing Address: 2121 N COLUMBIA BLVD
PORTLAND, OR 97217
Mailing County: MULTNOMAH
Day Phone: 5032833333
Employee File #: 034701
No. of Employees: 220
Placard: Yes
Business Type: PLUMBING WHOLESALER
Sprinkler System: Yes
Business Phone: 5032833333
Department Or Division Of Company: Not reported
Facility Has Written Emergency Plan: No
Company Name: FERGUSON ENTERPRISES INC
Fire Dept Code: 0291
Physical State : Not reported
Physical State Of The Substance: LIQUID
Average Amount Possessed During The Year Code: 04
Description Of The Avg Qty Code: 50-199
Maximum Amount Possessed During The Year Code: 04
Description Of The Max Qty Code: 50-199
Applicable Unit Of Measure Code: 2
Description Of The Unit Of Measure: GALLONS
Storage Container:
Type Code: N
Description: PLASTIC BOTTLE, JUG, BUCKET
Pressure of Hazardous Substance Code: 1
Pressure Description: NORMAL PRESSURE
Temperature of The Hazardous Substance Code: 4
Temperature Description: NORMAL TEMPERATURE
Days The Hazardous Substance Is On Site During Year: 365
Is The Substance Protected A Trade Secret: No
United Nations/north America 4 Digit Classification Number: 1830
Chemical Abstract Service Identifier Number: 7664939
First Hazardous Classification Code For Chemical: 8.0
Hazard Classification 1 Of The Chemical: Corrosives
Second Hazardous Classification Code For Chemical: Not reported
Hazard Classification 2 Of The Chemical: Not reported
Third Hazardous Classification Code For Chemical: Not reported
Hazard Classification 3 Of The Chemical: Not reported
Is Substance Pure Or Mixture: Mixture
Hazard Rank: 2
Chemical Is An Extremely Hazardous Substance (ehs): Yes
Does The Chemical Contain A 112r Chemical: No
Chemical Is A Toxic 313 Chemical: No
EPA Pesticide Registration Number: Not reported
Most Hazardous Ingridient: SULFURIC ACID
Contains 112R : Not reported
Contains EHS: Yes
Contains 313: Yes
Fertilizer: Not reported
Pesticide: Not reported
NAICS Code 1: 423720

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FERGUSON ENTERPRISES INC (Continued)

S104049745

NAICS Desc 1: PLUMBING & HEATING EQP & SUPPLIES (HYDRONI
 NAICS Code 2: Not reported
 NAICS Desc 2: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 18 additional OR HSIS record(s) in the EDR Site Report.

AST:

Employer File Number: 034701
 Hazardous Substance: PROPANE
 Reporting Quantities: 1,000-4,999
 Quantity Units: GALLONS
 Physical State: GAS
 Storage 1: ABOVEGROUND TANK

121
 East
 1/2-1
 5263 ft.

FAMILIAN NW
1945 N COLUMBIA BLVD
PORTLAND, OR 97217

SHWS - ECSI S104889258
N/A

Relative:
 Lower

ECSI:

State ID Number: 2847	Brown ID	0
Study Area: False		
Cerclis ID: Not reported	Tax Lots:	100 - 300
Size: Approx. 3.23 acres	NPL:	False
Orphan: False	Region ID:	2
Lat/Long: 45.5863 / -122.686	Tax Lots:	100 - 300
Township Coord.: 1.00	Township Zone:	N
Range Coord.: 1.00	Range Zone:	E
Section Coord.: 9	Qtr Section:	Not reported
Legislative : 9	Further Action:	0
FACA ID : 3048	Score Value:	Not reported
Update Date : 2006-02-22 16:07:31.	Created Date:	jmw
Created Time : 2001-01-12 00:00:00		
Updated By : GWISTAR		

Actual:
 46 ft.

HAZ RELEASED:

Quant. Released: Not reported
 Date: Not reported
 Update Date: 2001-02-13 00:00:00
 Update By: Not reported
 Substance ID : 122012
 Code : ECD275
 Substance Name : TOTAL PETROLEUM HYDROCARBONS (TPH)
 Substance Abbrev. : Not reported
 Substance Categ ID : 8540
 Substance Sub Categ : Petroleum Related Releases for OSPIRG Report
 Category Level : Not reported
 Created By : Not reported
 Create Date : 2002-12-17 08:50:34.
 Substance Alias ID : Not reported
 Sub Alias Name : Not reported
 Rel Comment ID : Not reported
 Release Code : Not reported
 Release Comments : Not reported
 Sampling Result ID : 338331
 Feature Id : Not reported
 Hazard Release Id : 379683
 Medium Code Id : 703
 Substance Id : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FAMILIAN NW (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104889258

Unit Code : Not reported
 Observation : False
 Owner Operator : False
 Lab Data : True
 Sample Depth : Not reported
 Start Date : 2001-01-01 00:00:00
 End Date : Not reported
 Minimum Concentration : Not reported
 Max Concentration : Not reported
 Last Update By : jmw
 Last Updated On : 2001-02-13 00:00:00
 Sample Comment : 12,800 ppm

Alias Name: Rovane
 Tri-Met Light Rail - Interstate Light Rail
 Investigation Status: 208

NARR:

NARR ID: 5740702
 NARR Code : Contamination
 Created By: Not reported
 Create Date: 2002-12-17 08:50:04.
 Updated By: Not reported
 Updated Date: 2002-12-17 08:50:04.
 NARR Comments (2/13/01 ACV/VCS) Familian NW (formerly Rovane) is a portion of a site Tri-Met will acquire for Interstate light-rail construction. Rovane has a history of pipe manufacturing, PCB use, dip tanks, etc. Tri-Met will manage contamination during construction of light rail in 2001-03. Residual contamination issues will be referred to DEQ Site Assessment and the property owner.

ECWQ:

Owner Site Num: 134041	FACA Id :	3048
Site Name: Familian NW		
County Code : 26.00		
Owner Name: Familian NW		
Owner Address: 1945 N Columbia Blvd Portland, 97217		
Lat/Long 45.5859 / -122.6848		
Owner Code: SUS		
Owner Site Num: 134042	FACA Id :	3048
Site Name: Familian NW		
County Code : 26.00		
Owner Name: Rovalve		
Owner Address: 1945 N Columbia Blvd Portland, 97217		
Lat/Long 45.5859 / -122.6848		
Owner Code: SUS		

PERMIT:

Permit Number: Not reported	Permit Type:	Not reported
Permit Agency: Not reported		
Permit Comments: Not reported		

ADMIN ACT:

Admin ID: 705603	Action ID:	9424
Agency ID : Dept Of Environmental Quality	Start Date:	2001-01-11 00:00:00
Further Action: Not reported	Region ID:	Northwestern Region
Complete Date: 2001-01-11 00:00:00	Substance Code:	SAS
Rank Value: 0	Cleanup Flag:	False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FAMILIAN NW (Continued)

EDR ID Number
 EPA ID Number

S104889258

Updated By:	jmw	Update Date:	2001-01-12 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	313		
Comments :	Not reported		
Administrative Action:	Site added to database		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site added to database		

Admin ID:	705604	Action ID:	9440
Agency ID :	Dept Of Environmental Quality	Start Date:	2000-09-12 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	2000-09-12 00:00:00	Substance Code:	VCS
Rank Value:	0	Cleanup Flag:	False
Updated By:	jmw	Update Date:	2001-01-12 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	313		
Comments :	Not reported		
Administrative Action:	Letter Agreement		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Letter Agreement		

Admin ID:	703470	Action ID:	9511
Agency ID :	Dept Of Environmental Quality	Start Date:	2001-01-02 00:00:00
Further Action:	Not reported	Region ID:	Northwestern Region
Complete Date:	2001-01-02 00:00:00	Substance Code:	VCS
Rank Value:	0	Cleanup Flag:	False
Updated By:	jmw	Update Date:	2001-02-13 00:00:00
Created By:	Not reported	Create Date:	2002-12-17 08:50:22.
Employee Id:	738		
Comments :	Not reported		
Administrative Action:	SITE INVESTIGATION		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	SITE INVESTIGATION		

Admin ID:	726707	Action ID:	9508
Agency ID :	Dept Of Environmental Quality	Start Date:	2003-07-10 00:00:00
Further Action:	0	Region ID:	Northwestern Region
Complete Date:	2003-07-10 00:00:00	Substance Code:	SAS
Rank Value:	Not reported	Cleanup Flag:	False
Updated By:	GWISTAR	Update Date:	2003-07-10 17:41:03.
Created By:	GWISTAR	Create Date:	2003-07-10 17:41:03.
Employee Id:	767		
Comments :	Not reported		
Administrative Action:	Site Screening recommended (EV)		
Admin Action Category:	Not reported		
Admin Flag:	True		
Admin Action Code Flag:	False		
Admin Action :	Site Screening recommended (EV)		

DISPOSAL:		Feature ID:	Not reported
Disposal ID:	Not reported		
Medium :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAMILIAN NW (Continued)

S104889258

Treatment : Not reported
Disposal Method: Not reported
Start Date: Not reported
Disposal Flag: Not reported
Unit Code: Not reported
Depth : Not reported
Monitor : Not reported
Manifest Num : Not reported
Removed By : Not reported
Loc Comments: Not reported
Disposal Sub ID: Not reported
Substance ID: Not reported
Created By: Not reported
Create Date: Not reported

End Date: Not reported
Disposal Qty: Not reported

FEATURE:

Feature Id : Not reported
Site Id : Not reported
Feature Code : Not reported
Relative Position : Not reported
Hazard Rel Id : Not reported
Region Code : Not reported
Lat Long Method : Not reported
Lat Long Source : Not reported
County Code : Not reported
Reference Id : Not reported
Twnshp Coord : Not reported
Township Zone : Not reported
Range Coord : Not reported
Range Zone : Not reported
Section Coord : Not reported
Qtr Section Coord : Not reported
Address : Not reported
Zip Plus : Not reported
Lat/Long : Not reported
Lat/Lon Decimal : Not reported
Feature Size : Not reported
Est Accuracy : Not reported
Created On Date : Not reported
Created By Prgm : Not reported
Last Updated By : Not reported
Last Updated On : Not reported
Comment : Not reported

WELL:

Well ID: Not reported
Water Resource Code: Not reported
Effective Date: Not reported
Aquifer Code: Not reported
Ground Station Key: Not reported

OPERATIONS:

Operation Id : 134041
Operation Status : Active
Common Name : Familian NW
Yrs of Operation : 1960's to present
Comments : 1960's to present
Updated By : jmw

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FAMILIAN NW (Continued)

S104889258

Updated Date : 2001-01-12 00:00:00
Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported
Operations SIC Id:Not reported
SIC Code: Not reported
Created By: Not reported
Created Date: Not reported
Operation Id : 134042
Operation Status :Inactive
Common Name : Rovalve
Yrs of Operation : unknown
Comments : unknown
Updated By : jmw
Updated Date : 2001-01-12 00:00:00
Process Code ID: Not reported
Years Of Process:Not reported
Created By: Not reported
Created Date: Not reported
Operations SIC Id:197323
SIC Code: 5070
Created By: Not reported
Created Date: 2002-12-17 08:50:34.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DAYTON	U003998872	PEAVEY OIL CO.	HWY 221	97217	UST
ESTACADA	1002999406	ESTACADA LUMBER CO	760 NW HWY 224	97203	CERC-NFRAP, HSIS
ESTACADA	S106847881	ESTACADA SCHOOL DISTRICT 108	55500 E HWY 224	97203	AST, HSIS
PORTLAND	S106044931	WELCH PROPERTY - 9902-03 N. HURST	9902 AND 9903 N HURST AVE	97203	SHWS - ECSI, VCS
PORTLAND	S107596075	ZIPPER, BRIAN	238 N BALDWIN ST	97217	LUST
PORTLAND	1006854538	SAUVIE ISLAND DRUM SITE	COLUMBIA RIVER - MILE 100	97217	SHWS - ECSI, FINDS
PORTLAND	1006867196	PACIFIC POWER & LIGHT - DEKUM SUBS	SW CORNER OF NE DEKUM ST & NE	97217	SHWS - ECSI, FINDS, VCS
PORTLAND	S106497133	PACIFIC POWER & LIGHT - MASON SUBS	NE CORNER OF N MASON ST / N	97217	SHWS - ECSI, VCS
PORTLAND	S106878667	PACIFIC POWER & LIGHT - GREGORY HE	NW CORNER OF NE 82ND AVENUE AN		SHWS - ECSI, VCS
PORTLAND	S106878669	PACIFIC POWER & LIGHT - MALLORY SU	SW CORNER OF NE MALLORY AVE /		SHWS - ECSI, VCS
PORTLAND	S106878671	PACIFIC POWER & LIGHT - AINSWORTH	NW CORNER OF NE KILLINGSWORTH		SHWS - ECSI, VCS
PORTLAND	S106777615	METRO HOUSING	9011 N DRUMMOND AVE	97217	LUST
PORTLAND	S106236435	PETROLEUM RELEASE - N EDGEWATER ST	N EDGEWATER ST.	97203	SHWS - ECSI
PORTLAND	1006853789	WILLAMETTE COVE	FOOT OF N EDGEWATER ST	97203	SHWS - ECSI, FINDS, VCS
PORTLAND	1006868932	HAYDEN ISLAND DUMPING AREA	HAYDEN ISLAND	97217	SHWS - ECSI, FINDS
PORTLAND	S103842510	HAYDEN ISLAND LANDFILL	N HAYDEN ISLAND DR	97217	SHWS - ECSI, OR CRL
PORTLAND	S105807718	CANOE BAY - CONTAMINATED SEDIMENT	N HAYDEN ISLAND DR	97217	SHWS - ECSI, VCS
PORTLAND	S103543103	ROGERS,D HOT	5335 N HURST	97203	LUST
PORTLAND	S106044937	TRI-MET LIGHT RAIL - INTERSTATE LI	N INTERSTATE AVE.	97217	SHWS - ECSI, VCS
PORTLAND	S107692422	KILLINGSWORTH STATION	5510-5536 NORTH INTERSTATE AVE		SHWS - ECSI
PORTLAND	S106878660	PORT OF PORTLAND - TERMINAL 4 SLIP	N LOMBARD ST	97203	SHWS - ECSI, VCS
PORTLAND	S106878665	BLUE LAGOON - MARINE TERMINAL 5	N LOMBARD ST	97203	SHWS - ECSI, VCS
PORTLAND	S106236422	N MARINE DR EXTENSION - NORTH PORT	N MARINE DR	97217	SHWS - ECSI
PORTLAND	S106878654	PORTLAND GROUND RUN-UP ENCLOSURE F	5909 NE MCGUIRE AVE. (NE AIRWA		SHWS - ECSI
PORTLAND	S106497099	COLUMBIA SLOUGH	31.5 MILES OF WATERWAY OVER AN		SHWS - ECSI
PORTLAND	S107421141	EAST SIDE CSO	NEAR SE 18TH ST AND SE MCLOUGH		SHWS - ECSI
PORTLAND	S106497163	MULTNOMAH COUNTY - ST. JOHNS SITE	7321 N NEW YORK AVE. (PARCEL 2	97203	SHWS - ECSI, VCS
PORTLAND	1006854530	MOCKS BOTTOM	NORTH OF SWAN ISLAND	97203	SHWS - ECSI, FINDS
PORTLAND	S106497104	V.A.- COLUMBIA SOUTH SHORE WELLFIE	NORTH OF COLUMBIA / SANDY BL		SHWS - ECSI
PORTLAND	S106655861	1610 NORTH PIER 99 STREET	1610 N PIER 99 ST (ALSO KNOWN	97217	SHWS - ECSI, VCS
PORTLAND	S107134173	LARSEN NORTH - CITY OF PORTLAND	10505 N PORTLAND RD.	97203	SHWS - ECSI, OR CRL
PORTLAND	S106655856	LACAMAS LABORATORIES	12411 N PORTLAND RD/3625 N SUT	97217	SHWS - ECSI, VCS
PORTLAND	S107421126	SOUTH WATERFRONT AT RIVERPLACE, PA	SW RIVER DRIVE		SHWS - ECSI
PORTLAND	S106966553	SOUTH WATERFRONT RIVERPLACE LOT 8	SW RIVER PARKWAY/SW RIVER DR.		SHWS - ECSI
PORTLAND	S106082730	ST. JOHNS - KEELER #2 RIGHT-OF-WAY	SOUTH RIVERGATE INDUSTRIAL ARE	97203	SHWS - ECSI, OR CRL
PORTLAND	1006835915	CLEANERY THE - ALBANY	2504 SANTIAM HWY SE	97217	FINDS, DRYCLEANERS
PORTLAND	S107596297	DJORDJEVIC, ZORAN	3021 N WATTS ST	97217	LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/23/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/14/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 06/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 06/22/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/12/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006	Source: EPA
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 03/06/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 04/11/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

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

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS - ECSI: Environmental Cleanup Site Information System

Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/16/2006
Date Made Active in Reports: 06/01/2006
Number of Days to Update: 16

Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Quarterly

CRL: Confirmed Release List and Inventory

All facilities with a confirmed release.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/15/2006
Date Made Active in Reports: 04/12/2006
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

SWF/LF: Solid Waste Facilities List

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

Date of Government Version: 04/11/2006
Date Data Arrived at EDR: 04/12/2006
Date Made Active in Reports: 04/21/2006
Number of Days to Update: 9

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Semi-Annually

UIC: Underground Injection Control Program Database

DEQ's Underground Injection Control Program is authorized by the Environmental Protection Agency (EPA) to regulate all underground injection in Oregon to protect groundwater resources.

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 06/01/2006
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

HIST LF: Old Closed SW Disposal Sites

A list of solid waste disposal sites that have been closed for a long while.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 07/08/2003
Date Made Active in Reports: 07/18/2003
Number of Days to Update: 10

Source: Department of Environmental Quality
Telephone: 503-229-5409
Last EDR Contact: 07/08/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2006
Date Data Arrived at EDR: 03/15/2006
Date Made Active in Reports: 04/12/2006
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

AOC COL: Columbia Slough

Columbia Slough waterway boundaries.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/03/2002
Date Made Active in Reports: 10/22/2002
Number of Days to Update: 19

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 08/05/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AOC MU: East Multnomah County Area

Approximate extent of TSA VOC plume February , 2002

Date of Government Version: N/A
Date Data Arrived at EDR: 10/07/2002
Date Made Active in Reports: 10/22/2002
Number of Days to Update: 15

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 08/26/2002
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST: Underground Storage Tank Database

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

Date of Government Version: 01/03/2006
Date Data Arrived at EDR: 03/15/2006
Date Made Active in Reports: 04/03/2006
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks

Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 01/01/2006
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/03/2006
Number of Days to Update: 18

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Semi-Annually

MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/21/2006
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

SPILLS: Spill Data

Date of Government Version: 03/22/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/12/2006
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HAZMAT: Hazmat/Incidents

Hazardous material incidents reported to the State Fire Marshal by emergency responders. The hazardous material may or may not have been released.

Date of Government Version: 08/31/2004	Source: State Fire Marshal's Office
Date Data Arrived at EDR: 10/12/2004	Telephone: 503-373-1540
Date Made Active in Reports: 11/05/2004	Last EDR Contact: 05/23/2006
Number of Days to Update: 24	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Semi-Annually

ENG CONTROLS: Engineering Controls Recorded at ESCI Sites

Engineering controls are physical measures selected or approved by the Director for the purpose of preventing or minimizing exposure to hazardous substances. Engineering controls may include, but are not limited to, fencing, capping, horizontal or vertical barriers, hydraulic controls, and alternative water supplies.

Date of Government Version: 05/01/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/16/2006	Telephone: 503-229-5193
Date Made Active in Reports: 06/01/2006	Last EDR Contact: 05/16/2006
Number of Days to Update: 16	Next Scheduled EDR Contact: 08/14/2006
	Data Release Frequency: Quarterly

INST CONTROL: Institutional Controls Recorded at ESCI Sites

An institutional control is a legal or administrative tool or action taken to reduce the potential for exposure to hazardous substances. Institutional controls may include, but are not limited to, use restrictions, environmental monitoring requirements, and site access and security measures.

Date of Government Version: 05/01/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/16/2006	Telephone: 503-229-5193
Date Made Active in Reports: 06/01/2006	Last EDR Contact: 05/15/2006
Number of Days to Update: 16	Next Scheduled EDR Contact: 08/14/2006
	Data Release Frequency: Quarterly

VCS: Voluntary Cleanup Program Sites

Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

Date of Government Version: 02/14/2006	Source: DEQ
Date Data Arrived at EDR: 02/15/2006	Telephone: 503-229-5256
Date Made Active in Reports: 03/15/2006	Last EDR Contact: 06/05/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaning Facilities

A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 12/01/2005	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/13/2005	Telephone: 503-229-6783
Date Made Active in Reports: 01/05/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Varies

BROWNFIELDS: Brownfields Projects

Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 03/01/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/15/2006	Telephone: 503-229-6801
Date Made Active in Reports: 04/12/2006	Last EDR Contact: 06/14/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Uninhabitable Drug Lab Properties

The properties listed on these county pages 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 Division.

Date of Government Version: 03/15/2006	Source: Department of Consumer & Business Services
Date Data Arrived at EDR: 03/29/2006	Telephone: 503-378-4133
Date Made Active in Reports: 04/12/2006	Last EDR Contact: 06/14/2006
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Varies

AIRS: Oregon Title V Facility Listing

A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2002	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/04/2006	Telephone: 503-229-6459
Date Made Active in Reports: 06/01/2006	Last EDR Contact: 05/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

HSIS: Hazardous Substance Information Survey

Companies in Oregon submitting the Hazardous Substance Information Survey and either reporting or not reporting hazardous substances.

Date of Government Version: 01/01/2006	Source: State Fire Marshal's Office
Date Data Arrived at EDR: 03/16/2006	Telephone: 503-373-1540
Date Made Active in Reports: 04/12/2006	Last EDR Contact: 05/30/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 202-208-3710
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 03/14/2006	Source: EPA Region 10
Date Data Arrived at EDR: 03/21/2006	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2006	Last EDR Contact: 05/23/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 04/05/2006	Source: EPA Region 10
Date Data Arrived at EDR: 04/05/2006	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2006	Last EDR Contact: 05/23/2006
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

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

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 05/02/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/31/2006	Telephone: 518-402-8651
Date Made Active in Reports: 06/27/2006	Last EDR Contact: 05/31/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 03/17/2006

Date Made Active in Reports: 05/02/2006

Number of Days to Update: 46

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 07/11/2006

Next Scheduled EDR Contact: 10/09/2006

Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Listings

Source: Employment Department

Telephone: 503-947-1420

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

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

State Wetlands Data: Wetlands Inventory Data

Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

2LT ALFRED SHARFF USARC
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OR 97217

TARGET PROPERTY COORDINATES

Latitude (North):	45.58600 - 45° 35' 9.6"
Longitude (West):	122.7069 - 122° 42' 24.8"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	522864.8
UTM Y (Meters):	5047875.0
Elevation:	98 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	45122-E6 PORTLAND, OR
Most Recent Revision:	1990

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

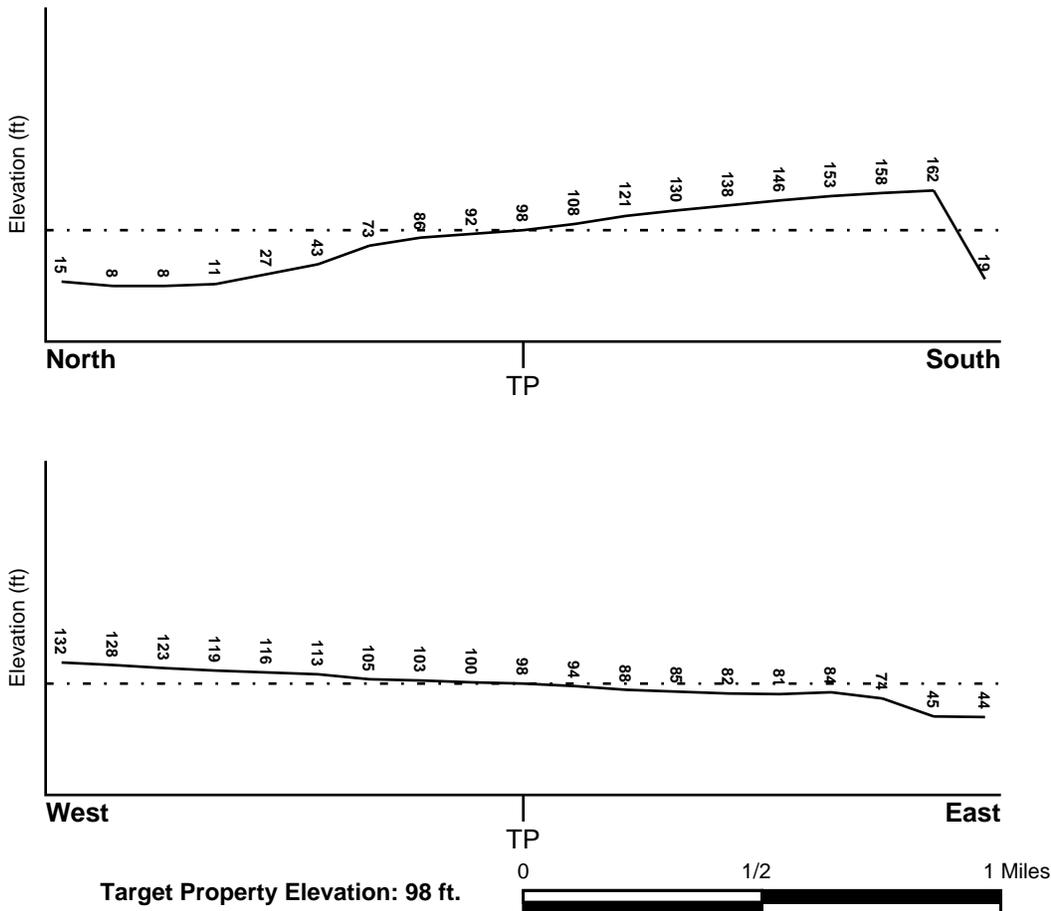
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> MULTNOMAH, OR	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	4101830020D
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> PORTLAND	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

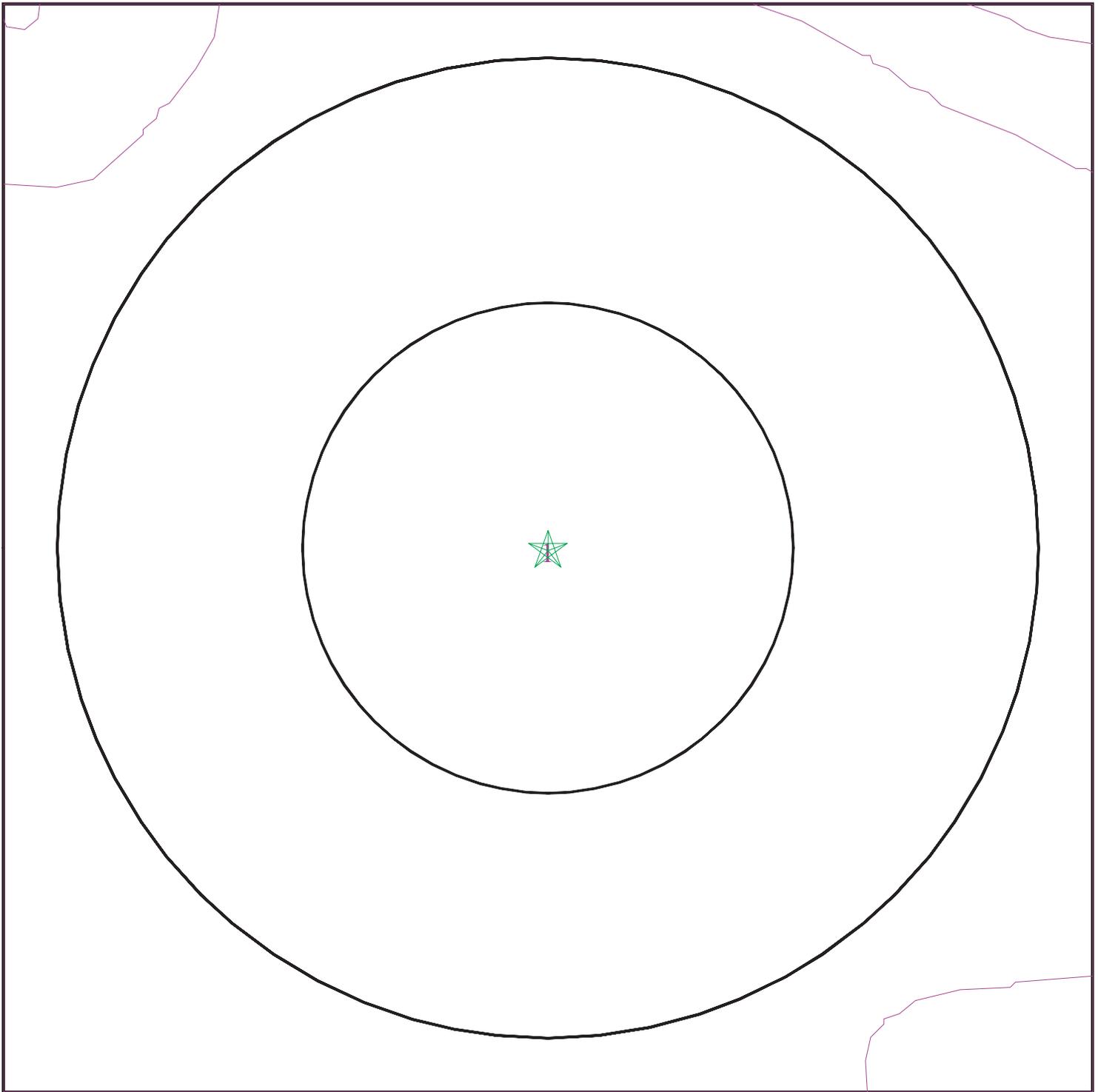
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 01715536.58r



- ★ Target Property
- ~ SSURGO Soil
- ~ Water



SITE NAME: 2LT ALFRED SHARFF USARC
ADDRESS: 8801 N. CHAUTAUQUA BLVD.
PORTLAND OR 97217
LAT/LONG: 45.5860 / 122.7069

CLIENT: FMSM Engineers
CONTACT: Robert Newman
INQUIRY #: 01715536.58r
DATE: July 14, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3243233	1/8 - 1/4 Mile ENE
A2	USGS3243275	1/2 - 1 Mile NE
B4	USGS3243295	1/2 - 1 Mile North
C7	USGS3243269	1/2 - 1 Mile ENE
D10	USGS3243298	1/2 - 1 Mile NNW
E13	USGS3243240	1/2 - 1 Mile ENE
E14	USGS3243239	1/2 - 1 Mile East
16	USGS3243336	1/2 - 1 Mile ESE
18	USGS3243249	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

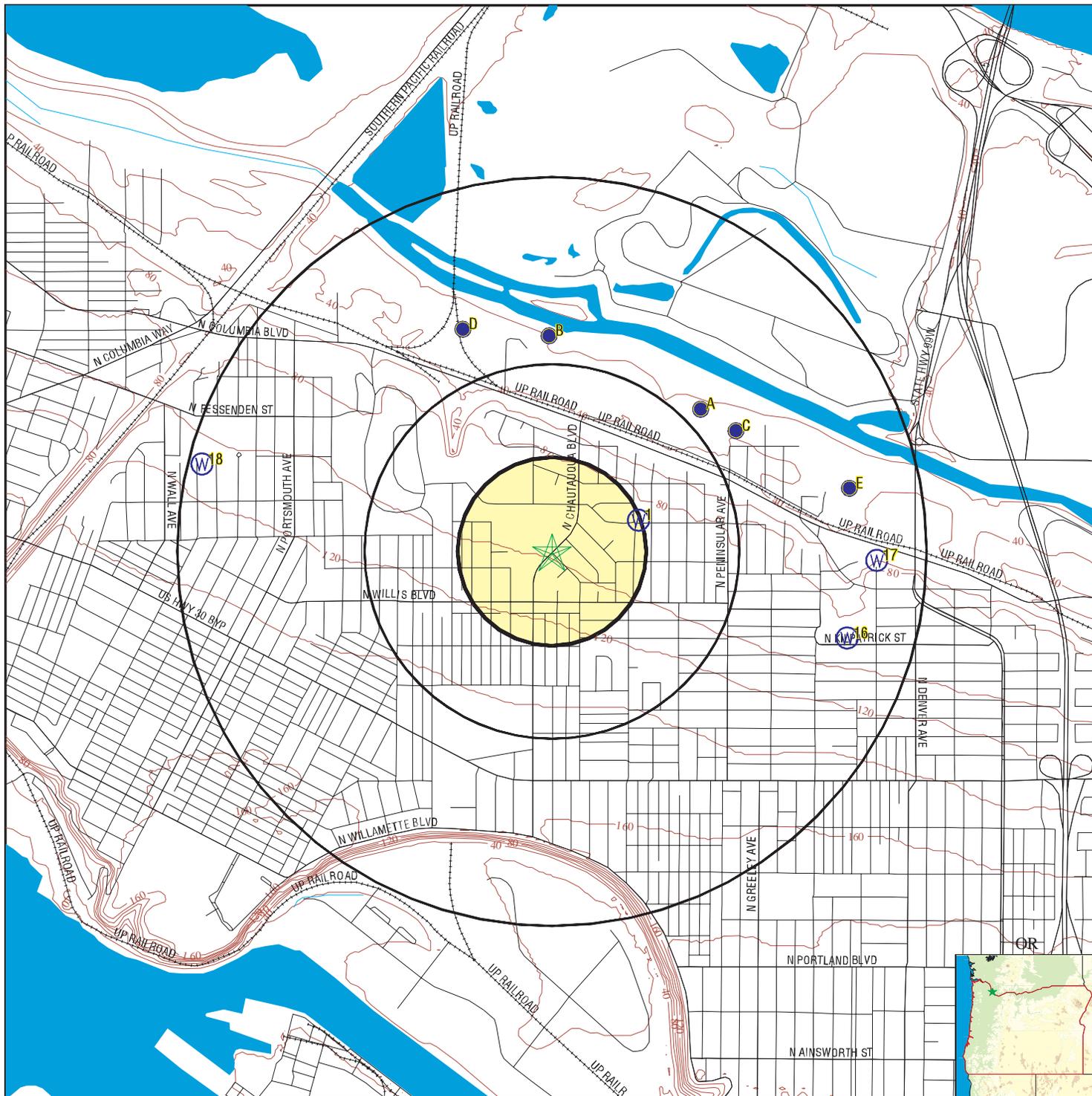
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	ORW1006830	1/2 - 1 Mile NE
B5	ORW1006842	1/2 - 1 Mile North
B6	ORW1006844	1/2 - 1 Mile North
C8	ORW1006828	1/2 - 1 Mile ENE
D9	ORW1006840	1/2 - 1 Mile NNW
D11	ORW1006847	1/2 - 1 Mile NNW
E12	ORW1006821	1/2 - 1 Mile ENE
E15	ORW1006820	1/2 - 1 Mile East
17	ORW1006815	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 01715536.58r



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

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



SITE NAME: 2LT ALFRED SHARFF USARC
 ADDRESS: 8801 N. CHAUTAUQUA BLVD.
 PORTLAND OR 97217
 LAT/LONG: 45.5860 / 122.7069

CLIENT: FMSM Engineers
 CONTACT: Robert Newman
 INQUIRY #: 01715536.58r
 DATE: July 14, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
ENE
1/8 - 1/4 Mile
Lower

FED USGS USGS3243233

Agency cd:	USGS	Site no:	453515122420301
Site name:	01N/01E-09BCB		
Latitude:	453513.95		
Longitude:	1224207.66	Dec lat:	45.58720833
Dec lon:	-122.70212778	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	41
State:	41	County:	051
Country:	US	Land net:	NWSWNWS09 T01N R01E W
Location map:	PORTLAND	Map scale:	24000
Altitude:	81.00	Altitude method:	M
Altitude accuracy:	05	Altitude datum:	NGVD29
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19941010
Date inventoried:	19941014	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	96.25	Hole depth:	97.0
Source of depth data:	reporting agency (generally USGS)	Project number:	4-4741-36600
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1995-07-26
Water quality data end date:	1998-04-06	Water quality data count:	10
Ground water data begin date:	1994-11-17	Ground water data end date:	1995-07-26
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel		Date	Feet below Surface	Feet to Sealevel
1995-07-26	73.45			1995-03-14	73.17	
1994-12-14	75.70			1994-11-17	76.40	

A2
NE
1/2 - 1 Mile
Lower

FED USGS USGS3243275

Agency cd:	USGS	Site no:	453530122415101
Site name:	01N/01E-09BBA		
Latitude:	453530		
Longitude:	1224151	Dec lat:	45.59150612
Dec lon:	-122.69870854	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	051
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	31.	Altitude method:	M
Altitude accuracy:	Not Reported	Altitude datum:	NGVD29
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19570110
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	363.	Hole depth:	363.
Source of depth data:	driller	Project number:	4741-14300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1957-01-10	Ground water data end date:	1957-01-10
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1957-01-10	29.0	

A3
NE
1/2 - 1 Mile
Lower

OR WELLS ORW1006830

Logcounty:	MULT	Lognum:	954
Logid:	MULT 954		
Establbly:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW	Waypoint:	Not Reported
Sitename:	Not Reported	Sownum:	0
Sowstatus:	Not Reported	Obswell:	9
Recwell:	9	Obsflag:	Not Reported
X coord:	749495.02768		
Y coord:	1407844.00041		

B4
North
1/2 - 1 Mile
Lower

FED USGS USGS3243295

Agency cd:	USGS	Site no:	453540122422101
Site name:	01N/01E-05DDB1		
Latitude:	453540		
Longitude:	1224221	Dec lat:	45.5942838
Dec lon:	-122.70704209	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	051
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	15.	Altitude method:	M
Altitude accuracy:	Not Reported	Altitude datum:	NGVD29
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	96.	Hole depth:	96.
Source of depth data:	driller	Project number:	4741-14300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1967-09-13	Ground water data end date:	1967-09-13
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1967-09-13	17.0	

B5
North
1/2 - 1 Mile
Lower

OR WELLS ORW1006842

Logcounty:	MULT	Lognum:	944
Logid:	MULT 944		
Establbly:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW	Waypoint:	Not Reported
Sitename:	Not Reported	Sownum:	0
Sowstatus:	Not Reported	Obswell:	9
Recwell:	9	Obsflag:	Not Reported
X coord:	747389.44519		
Y coord:	1408913.15686		

B6
North
1/2 - 1 Mile
Lower

OR WELLS ORW1006844

Logcounty:	MULT	Lognum:	937
Logid:	MULT 937		
Establbly:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW	Waypoint:	Not Reported
Sitename:	Not Reported	Sownum:	0
Sowstatus:	Not Reported	Obswell:	9
Recwell:	9	Obsflag:	Not Reported
X coord:	747382.99051		
Y coord:	1408980.67137		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C7
ENE
1/2 - 1 Mile
Lower

FED USGS USGS3243269

Agency cd:	USGS	Site no:	453527122414401
Site name:	01N/01E-09BAB1		
Latitude:	453527		
Longitude:	1224144	Dec lat:	45.59067281
Dec lon:	-122.69676404	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	051
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	30.	Altitude method:	M
Altitude accuracy:	Not Reported	Altitude datum:	NGVD29
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19700925
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	65.	Hole depth:	65.
Source of depth data:	driller	Project number:	4741-14300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1970-09-25	Ground water data end date:	1989-03-29
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-03-29	24.00				
Note: The site had been pumped recently.					
1988-04-04	25.90				
Note: The site was being pumped.					
1987-04-09	24.60		1970-09-25	25.0	

C8
ENE
1/2 - 1 Mile
Lower

OR WELLS ORW1006828

Logcounty:	MULT	Lognum:	953
Logid:	MULT 953		
Estabblby:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW	Waypoint:	Not Reported
Sitename:	Not Reported	Sownum:	0
Sowstatus:	Not Reported	Obswell:	9
Recwell:	9	Obsflag:	Not Reported
X coord:	749984.47316		
Y coord:	1407526.94129		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D9
NNW
1/2 - 1 Mile
Lower

OR WELLS ORW1006840

Logcounty:	MULT	Lognum:	933
Logid:	MULT 933		
Establbl:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW	Waypoint:	Not Reported
Sitename:	Not Reported	Sownum:	0
Sowstatus:	Not Reported	Obswell:	9
Recwell:	9	Obsflag:	Not Reported
X coord:	746258.01767		
Y coord:	1408863.9824		

D10
NNW
1/2 - 1 Mile
Lower

FED USGS USGS3243298

Agency cd:	USGS	Site no:	453542122423901
Site name:	01N/01E-05DB		
Latitude:	453542		
Longitude:	1224239	Dec lat:	45.59483932
Dec lon:	-122.71204221	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	051
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	20.	Altitude method:	M
Altitude accuracy:	Not Reported	Altitude datum:	NGVD29
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19761227
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	90.	Hole depth:	90.
Source of depth data:	driller	Project number:	4741-14300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1977-01-04	Ground water data end date:	1977-01-04
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1977-01-04	24.0	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D11
NNW
1/2 - 1 Mile
Lower

OR WELLS ORW1006847

Logcounty:	MULT	Lognum:	932
Logid:	MULT 932		
Establbl:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW	Waypoint:	Not Reported
Sitename:	Not Reported	Sownum:	0
Sowstatus:	Not Reported	Obswell:	9
Recwell:	9	Obsflag:	Not Reported
X coord:	746149.33771		
Y coord:	1409169.40931		

E12
ENE
1/2 - 1 Mile
Lower

OR WELLS ORW1006821

Logcounty:	MULT	Lognum:	948
Logid:	MULT 948		
Establbl:	KARL WOZNIAK	Xysource:	UNKNOWN
Horizerr:	9999	Sourceorg:	USGS
Sourceowrd:	WILLGW	Waypoint:	Not Reported
Sitename:	Not Reported	Sownum:	0
Sowstatus:	Not Reported	Obswell:	9
Recwell:	9	Obsflag:	Not Reported
X coord:	751529.60993		
Y coord:	1406775.36823		

E13
ENE
1/2 - 1 Mile
Lower

FED USGS USGS3243240

Agency cd:	USGS	Site no:	453520122412201
Site name:	01N/01E-09ABC2		
Latitude:	453520	Dec lat:	45.58872844
Longitude:	1224122	Coor meth:	M
Dec lon:	-122.69065277	Latlong datum:	NAD27
Coor accr:	S	District:	41
Dec latlong datum:	NAD83	County:	051
State:	41	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported	Altitude method:	M
Altitude:	32.	Altitude datum:	NGVD29
Altitude accuracy:	Not Reported		
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19850108
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	76.	Hole depth:	78.
Source of depth data:	driller	Project number:	4741-14300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1985-01-09	Ground water data end date:	1985-01-09
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1985-01-09	25.0	

**E14
East
1/2 - 1 Mile
Lower**

FED USGS USGS3243239

Agency cd:	USGS	Site no:	453518122412101
Site name:	01N/01E-09ABC1		
Latitude:	453518		
Longitude:	1224121	Dec lat:	45.58817289
Dec lon:	-122.69037498	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	41
State:	41	County:	051
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	35.	Altitude method:	M
Altitude accuracy:	Not Reported	Altitude datum:	NGVD29
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19850116
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	76.	Hole depth:	78.
Source of depth data:	driller	Project number:	4741-14300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1985-01-16	Ground water data end date:	1989-03-28
Ground water data count:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-03-28	30.30				
Note: The site had been pumped recently.					
1988-04-07	34.50				
Note: The site was being pumped.					
1987-04-10	33.20		1985-01-16	29.0	

E15
East
1/2 - 1 Mile
Lower

OR WELLS ORW1006820

Logcounty:	MULT	Lognum:	947
Logid:	MULT 947	Xysource:	UNKNOWN
Estabby:	KARL WOZNIAK	Sourceorg:	USGS
Horizerr:	9999	Waypoint:	Not Reported
Sourceowrd:	WILLGW	Sownum:	0
Sitename:	Not Reported	Obswell:	9
Sowstatus:	Not Reported	Obsflag:	Not Reported
Recwell:	9		
X coord:	751595.31302		
Y coord:	1406571.40952		

16
ESE
1/2 - 1 Mile
Lower

FED USGS USGS3243336

Agency cd:	USGS	Site no:	453458122412201
Site name:	01N/01E-09DBB		
Latitude:	453457.55	Dec lat:	45.58265278
Longitude:	1224126.30	Coor meth:	G
Dec lon:	-122.69063889	Latlong datum:	NAD83
Coor accr:	5	District:	41
Dec latlong datum:	NAD83	County:	051
State:	41	Land net:	NWNWSES09 T01N R01E W
Country:	US	Map scale:	24000
Location map:	PORTLAND	Altitude method:	M
Altitude:	87.00	Altitude datum:	NGVD29
Altitude accuracy:	05		
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19941007
Date inventoried:	19941202	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	107.00	Hole depth:	107.00
Source of depth data:	reporting agency (generally USGS)		
Real time data flag:	0	Project number:	4-4741-36600
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data begin date:	0000-00-00	Daily flow data count:	0
		Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1998-04-07
 Ground water data begin date: 1994-11-17
 Ground water data count: 4

Water quality data begin date: 1995-07-26
 Water quality data count: 9
 Ground water data end date: 1995-07-26

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-07-26	80.98		1995-03-14	80.75	
1994-12-14	83.23		1994-11-17	83.89	

**17
East
1/2 - 1 Mile
Lower**

OR WELLS ORW1006815

Logcounty:	MULT	Lognum:	950
Logid:	MULT 950	Xysource:	UNKNOWN
Estabby:	KARL WOZNIAK	Sourceorg:	USGS
Horizerr:	9999	Waypoint:	Not Reported
Sourceowrd:	WILLGW	Sownum:	0
Sitename:	Not Reported	Obswell:	9
Sowstatus:	Not Reported	Obsflag:	Not Reported
Recwell:	9		
X coord:	751920.38108		
Y coord:	1405643.66723		

**18
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS3243249

Agency cd:	USGS	Site no:	453523122433001
Site name:	01N/01E-07AAC		
Latitude:	453521.78	Dec lat:	45.58938333
Longitude:	1224334.20	Coor meth:	G
Dec lon:	-122.72616667	Latlong datum:	NAD83
Coor accr:	5	District:	41
Dec latlong datum:	NAD83	County:	051
State:	41	Land net:	SWNENES07 T01N R01E W
Country:	US	Map scale:	24000
Location map:	PORTLAND	Altitude method:	M
Altitude:	105.00	Altitude datum:	NGVD29
Altitude accuracy:	05		
Hydrologic:	Lower Willamette. Oregon. Area = 407 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19940923
Date inventoried:	19941206	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	114.60	Hole depth:	122.00
Source of depth data:	reporting agency (generally USGS)	Project number:	4-4741-36600
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
Water quality data end date: 1998-04-09
Ground water data begin date: 1994-11-17
Ground water data count: 4

Water quality data begin date: 1995-07-27
Water quality data count: 9
Ground water data end date: 1995-07-27

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel
1995-07-27	98.08	
1994-12-14	100.43	

Date	Feet below Surface	Feet to Sealevel
1995-03-14	97.76	
1994-11-17	101.12	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: OR Radon

Radon Test Results

Zip	Total Sites	Min pCi/L	Max pCi/L	Avg pCi/L	>4 pCi/L
97217	32	0.2	19.0	4.4	13

Federal EPA Radon Zone for MULTNOMAH County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MULTNOMAH COUNTY, OR

Number of sites tested: 33

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.530 pCi/L	91%	9%	0%
Basement	2.630 pCi/L	57%	43%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Wetlands Inventory Data

Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Water Resources

Telephone: 503-986-0843

OTHER STATE DATABASE INFORMATION

RADON

State Database: OR Radon

Source: Oregon Health Services

Telephone: 503-731-4272

Radon Levels in Oregon

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Fax To: FMSM Engineers
Contact: Robert Newman
Fax : 502-212-5055
Date: 07/14/2006

Fax From: Jeff Weiss
EDR
Phone: 1-800-352-0050

EDR PUR-IQ[®] Report

"the intelligent way to conduct historical research"

for
2LT ALFRED SHARFF USARC
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OR 97217
Lat./Long. 45.58600 / 122.70690
EDR Inquiry # 01715536.58r

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports[®] comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

Potential for EDR Historical (Prior Use) Coverage - Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

- 1. City Directory:** Coverage exists for the TP address for 1970, 1975, 1981, 1985, 2005
- 2. Fire Insurance Map:** When you order online any EDR Package or the EDR Radius Map with EDR Sanborn Map Search/Print, you receive site specific Sanborn Map coverage information at no charge.
- 3. Aerial Photograph:** Coverage exists for portions of Multnomah County for 1955, 1963, 1970, 1984, 1986, 1994 Shipping time 3-5 business days.
- 4. Topographic Map:** The USGS 7.5 min. quad topo sheet(s) associated with this site:
 - Historical: Coverage exists for Multnomah County
 - Current: Target Property: TP | 1990 | 45122-E6 Portland, OR

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs and historical topographic map resources available for PORTLAND, OR. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.



EDR™ Environmental
Data Resources Inc

EDR - HISTORICAL SOURCE(S) ORDER FORM

**FMSM Engineers
Robert Newman
Account # 1022764**

**2LT ALFRED SHARFF USARC
8801 N. CHAUTAUQUA BLVD.
PORTLAND, OR 97217
Multnomah County
Lat./Long. 45.58600 / 122.70690
EDR Inquiry # 01715536.58r**

Should you wish to change or add to your order, fax this form to your EDR account executive:

**Jeff Weiss
Ph: 1-800-352-0050 Fax: 1-800-231-6802**

Reports

- EDR Sanborn Map® Search/Print
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- EDR Multi-Tenant Retail Facility® Report
- EDR City Directory Abstract
- EDR Aerial Photo Decade Package
- USGS Aerial 5 Package
- USGS Aerial 3 Package
- EDR Historical Topographic Maps
- Paper Current USGS Topo (7.5 min.)
- Environmental Lien Search
- Chain of Title Search
- NJ MacRaes Industrial Directory Report
- EDR Telephone Interview

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